

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111418\
 Data File : BF110775.D
 Acq On : 14 Nov 2018 20:11
 Operator : JU/SJ
 Sample : J5918-05 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-12(10-12)

Quant Time: Nov 15 04:37:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	62056	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	227328	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	113838	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	217780	20.00	ng	0.00
76) Chrysene-d12	14.13	240	157919	20.00	ng	-0.01
87) Perylene-d12	15.66	264	147584	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	50032	13.10	ng	0.00
7) Phenol-d6	6.57	99	78374	16.04	ng	0.00
23) Nitrobenzene-d5	7.51	82	85789	21.73	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	13578	11.84	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	79862	10.02	ng	0.00
79) Terphenyl-d14	13.06	244	71492	8.48	ng	-0.01

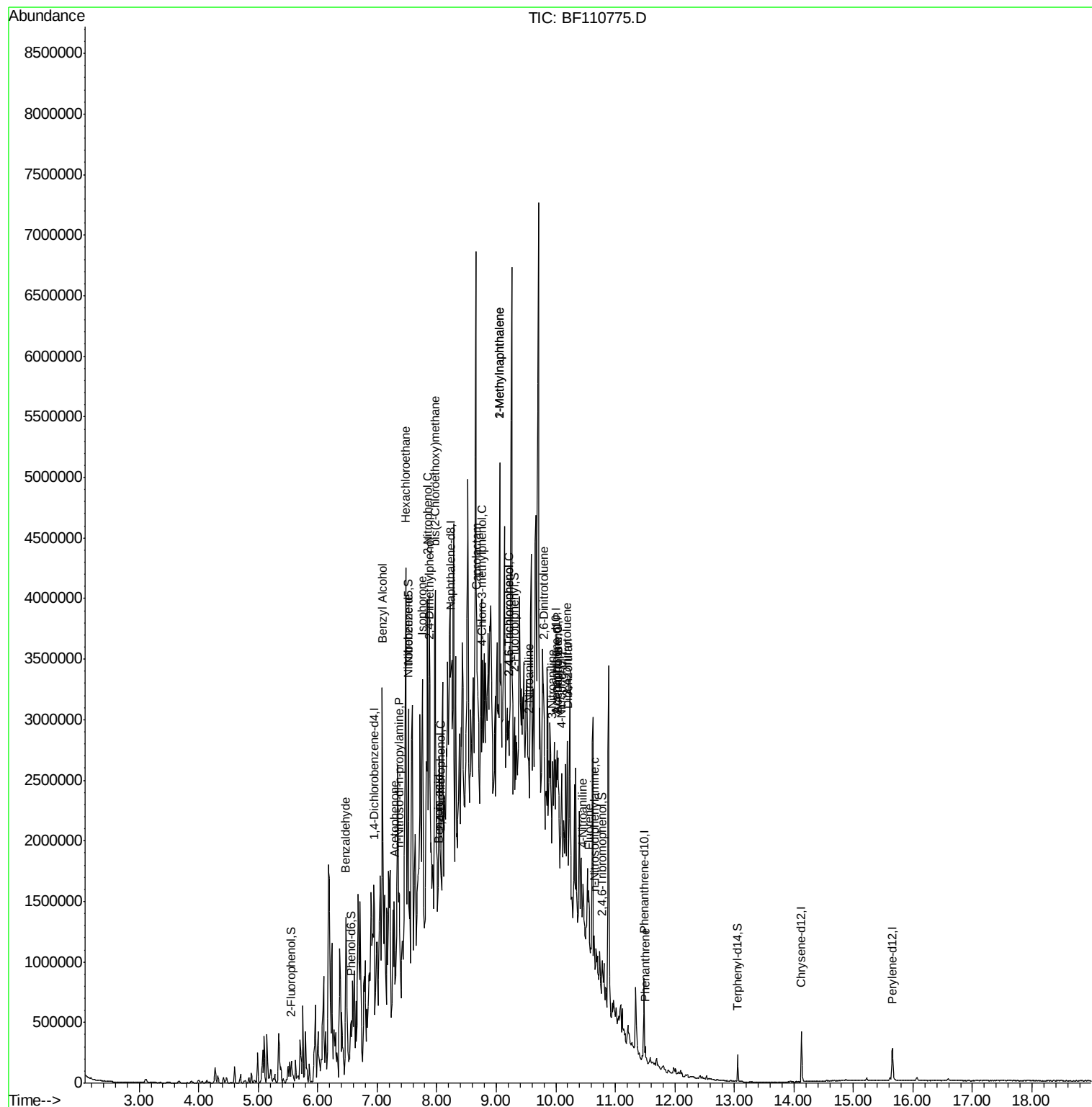
Target Compounds				Qvalue		
9) Benzaldehyde	6.47	77	10165	2.126	ng	# 4
15) Benzyl Alcohol	7.09	79	20550	5.375	ng	# 50
18) Hexachloroethane	7.48	117	120055	65.351	ng	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	50350	16.146	ng	# 68
22) Acetophenone	7.28	105	50182	9.472	ng	# 40
24) Nitrobenzene	7.52	77	29689	7.341	ng	# 52
25) Isophorone	7.76	82	134242	20.749	ng	# 1
26) 2-Nitrophenol	7.85	139	11920	5.908	ng	# 1
27) 2,4-Dimethylphenol	7.89	122	23390	7.612	ng	# 1
28) bis(2-Chloroethoxy)methane	7.97	93	18783	4.288	ng	# 1
29) 2,4-Dichlorophenol	8.07	162	15811	5.001	ng	# 3
32) Benzoic acid	8.02	122	19716	9.069	ng	# 27
35) Caprolactam	8.68	113	17335	16.411	ng	# 1
36) 4-Chloro-3-methylphenol	8.76	107	10544	3.092	ng	# 29
37) 2-Methylnaphthalene	9.06	142	705247	100.809	ng	# 93
38) 1-Methylnaphthalene	9.06	142	705247	104.822	ng	# 100
43) 2,4,6-Trichlorophenol	9.21	196	6366	2.811	ng	# 12
44) 2,4,5-Trichlorophenol	9.21	196	6366	2.636	ng	# 1
48) 2-Nitroaniline	9.55	65	4937	2.094	ng	# 1
51) 2,6-Dinitrotoluene	9.79	165	4521	2.419	ng	# 55
52) Acenaphthene	10.03	154	16497	2.369	ng	# 1
53) 3-Nitroaniline	9.94	138	5730	2.647	ng	# 36
54) 2,4-Dinitrophenol	10.04	184	722	5.615	ng	# 1
55) Dibenzofuran	10.20	168	53585	5.260	ng	# 72
56) 4-Nitrophenol	10.10	139	25256	17.585	ng	# 46
57) 2,4-Dinitrotoluene	10.20	165	15190	6.252	ng	# 61
58) Fluorene	10.55	166	61170	7.817	ng	# 74
62) 4-Nitroaniline	10.45	138	5638	2.586	ng	# 87
66) n-Nitrosodiphenylamine	10.65	169	54885	7.477	ng	# 39
71) Phenanthrene	11.50	178	36168	3.100	ng	# 95

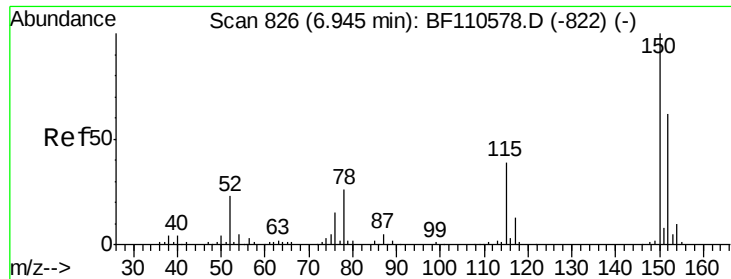
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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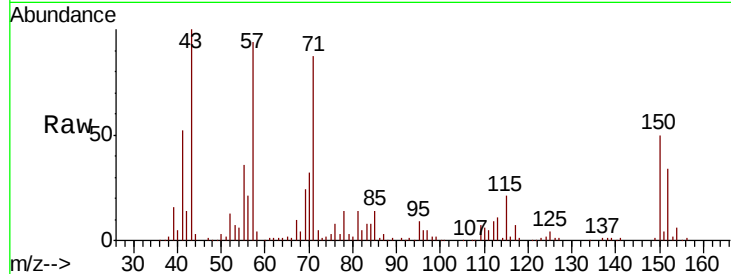


#1

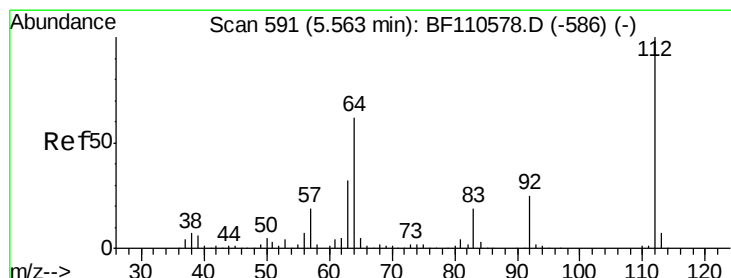
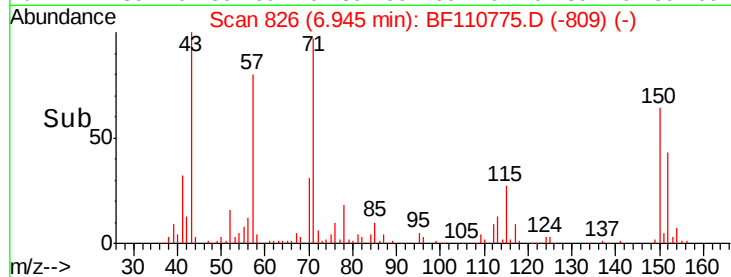
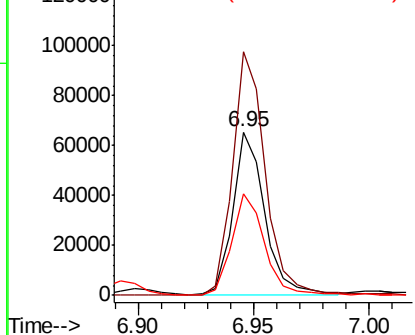
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FDSB-12(10-12)

Tgt Ion:152 Resp: 62056
Ion Ratio Lower Upper
152 100
150 149.3 122.7 184.1
115 62.4 49.1 73.7



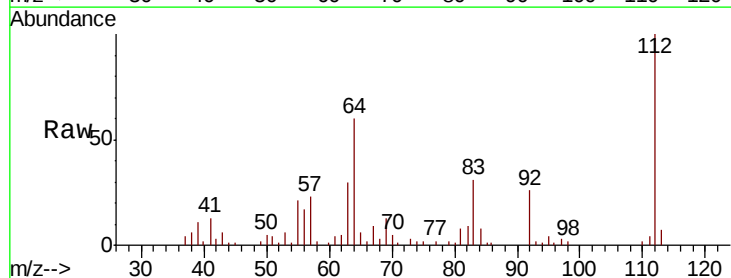
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



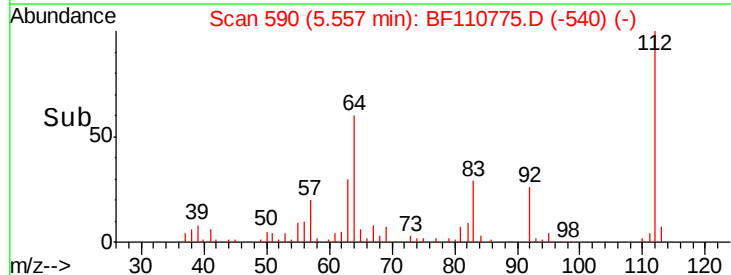
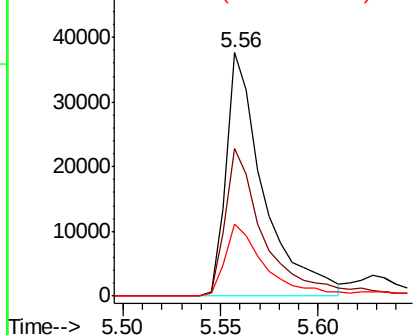
#5

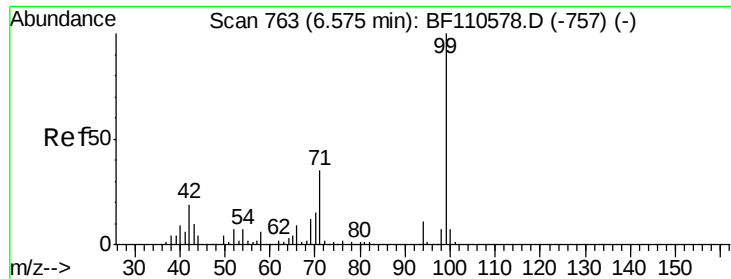
2-Fluorophenol
Concen: 13.096 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Tgt Ion:112 Resp: 50032
Ion Ratio Lower Upper
112 100
64 60.5 44.1 66.1
63 29.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 16.042 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

Instrument :

BNA_F

ClientSampleId :

FDSB-12(10-12)

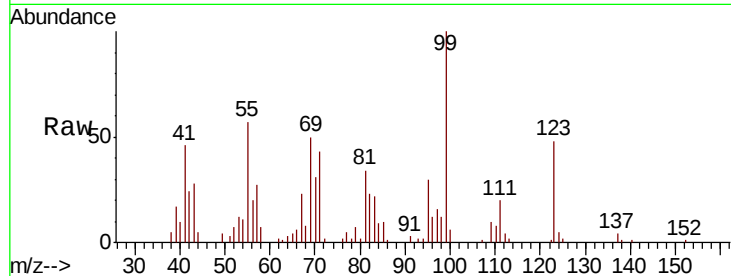
Tgt Ion: 99 Resp: 78374

Ion Ratio Lower Upper

99 100

42 23.5 15.8 23.6

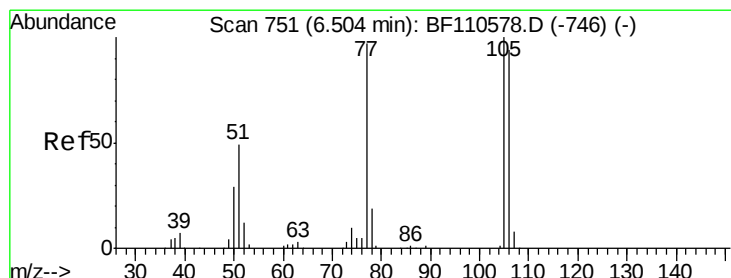
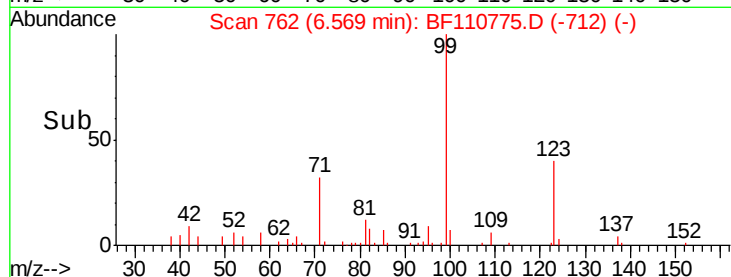
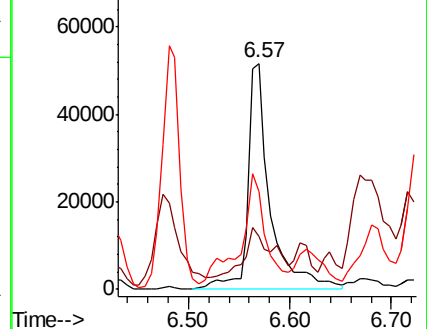
71 43.4 28.0 42.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.126 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

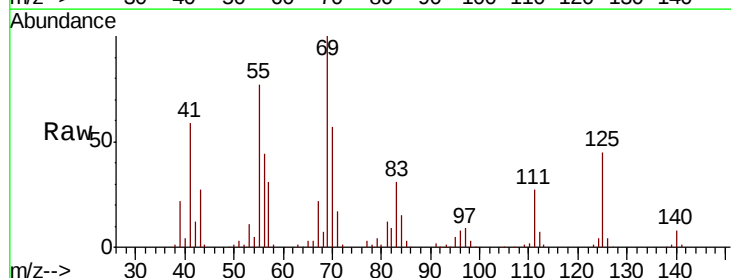
Tgt Ion: 77 Resp: 10165

Ion Ratio Lower Upper

77 100

105 5.3 78.6 118.6#

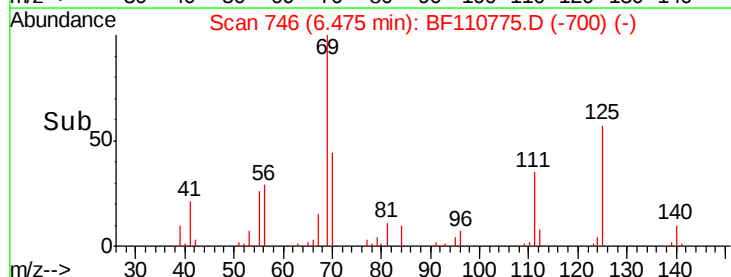
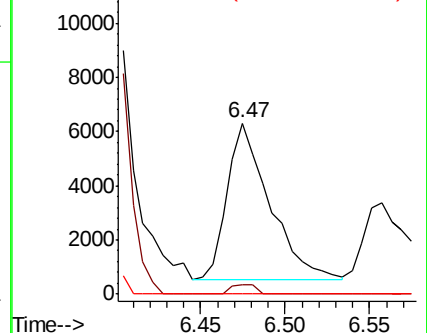
106 0.0 74.8 114.8#

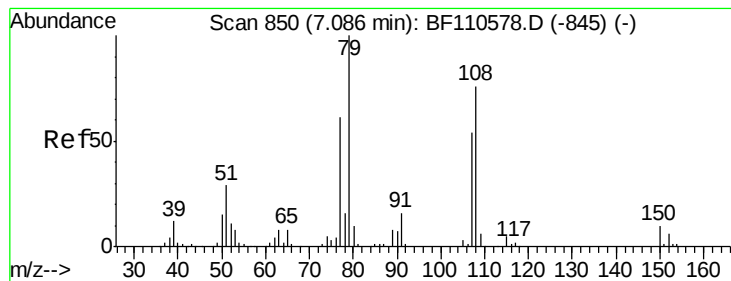


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 5.375 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

Instrument :

BNA_F

ClientSampleId :

FDSB-12(10-12)

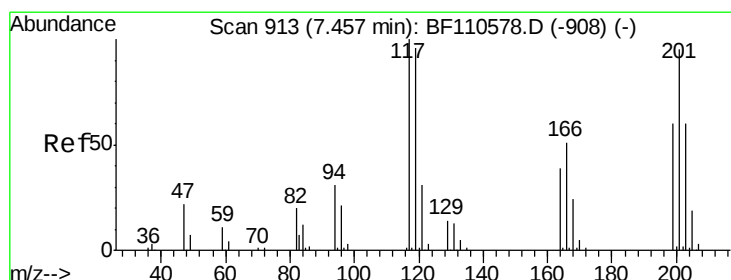
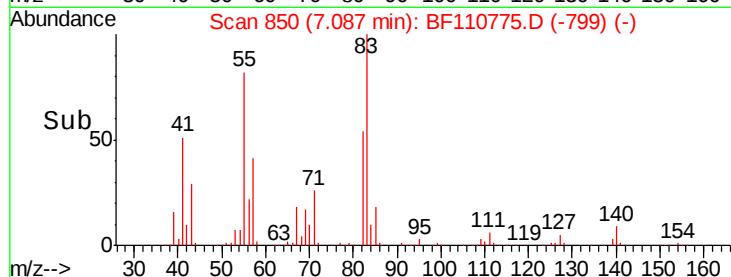
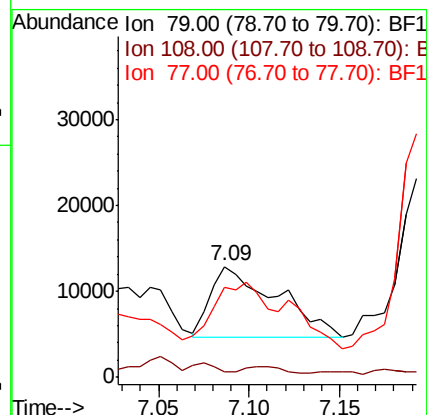
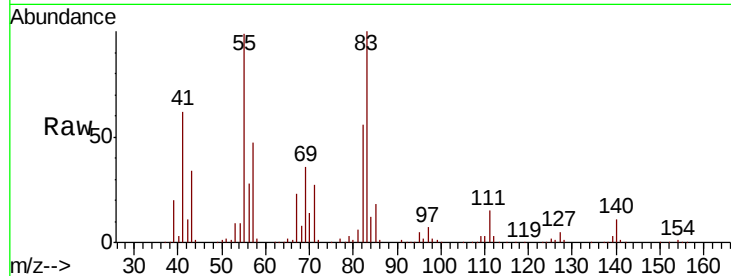
Tgt Ion: 79 Resp: 20550

Ion Ratio Lower Upper

79 100

108 5.2 56.3 84.5#

77 81.6 52.9 79.3#



#18

Hexachloroethane

Concen: 65.351 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.02 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

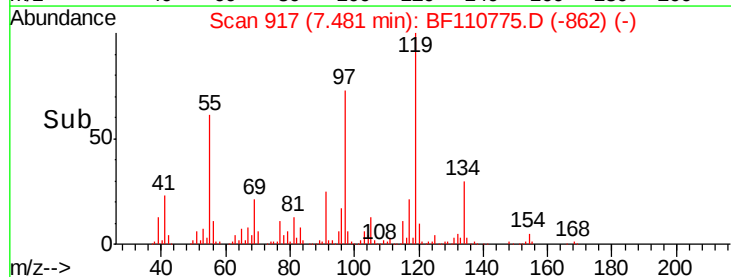
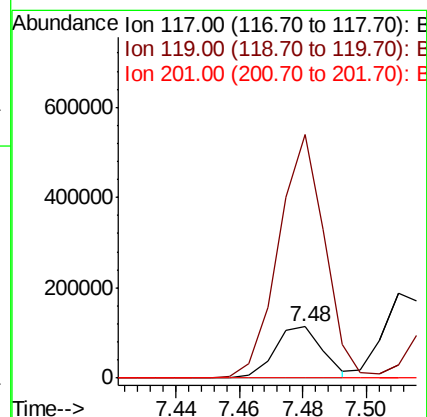
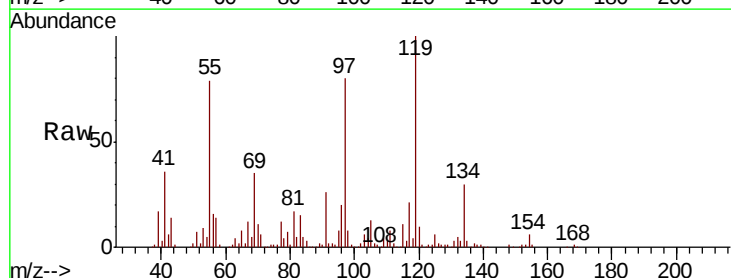
Tgt Ion: 117 Resp: 120055

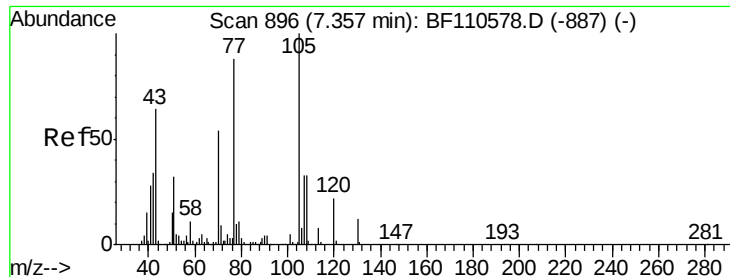
Ion Ratio Lower Upper

117 100

119 477.0 75.0 112.6#

201 0.0 79.2 118.8#

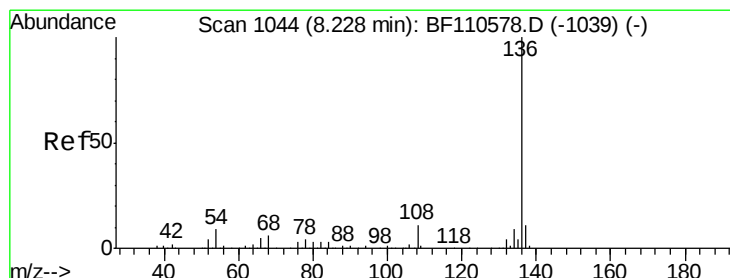
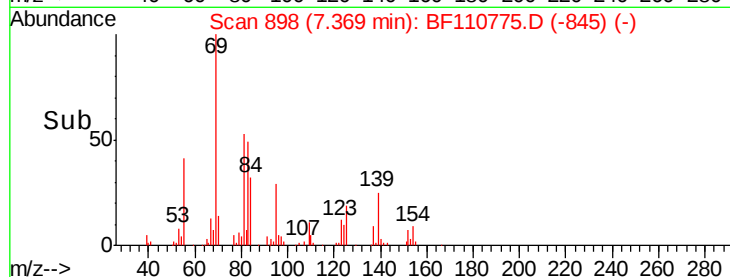
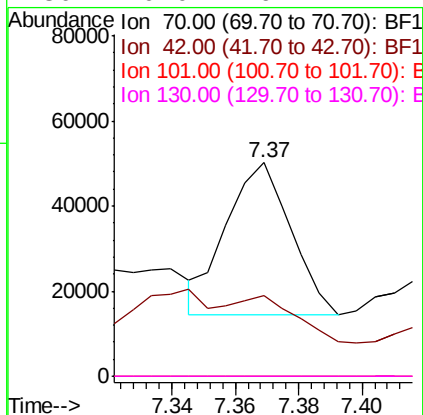
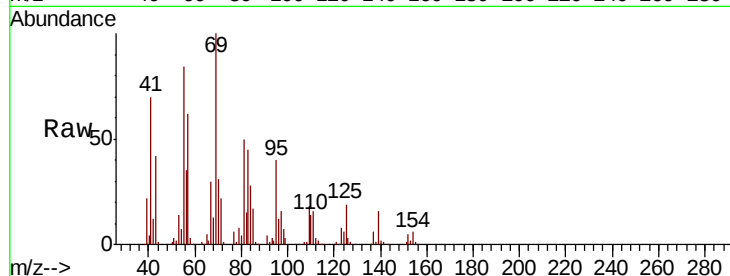




#19
n-Nitroso-di-n-propylamine
Concen: 16.146 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

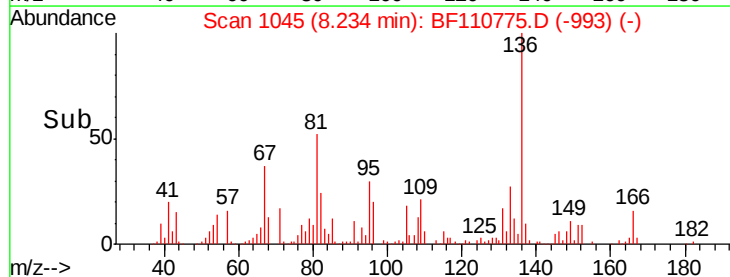
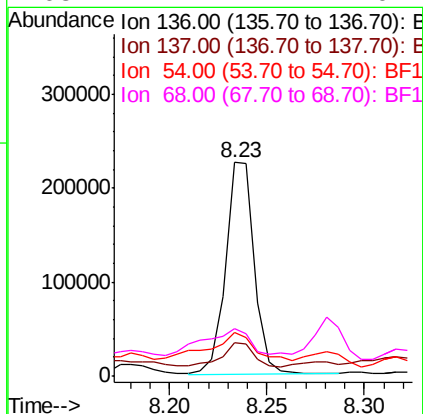
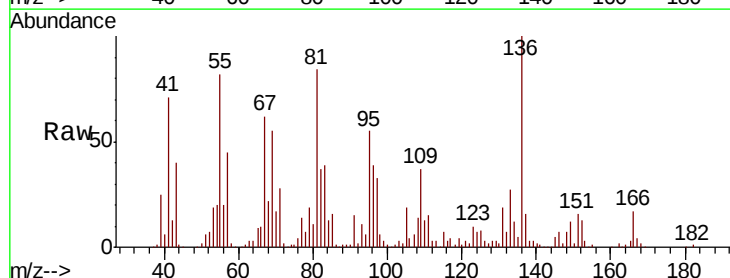
Instrument :
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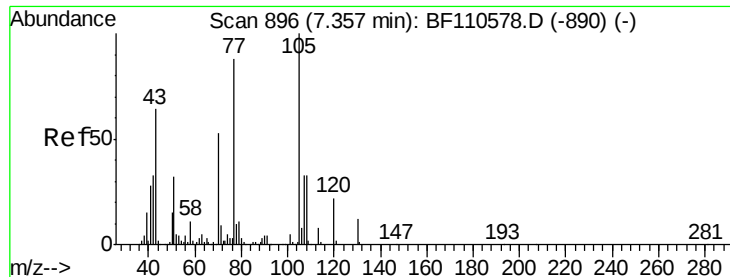
Tgt Ion: 70 Resp: 50350
Ion Ratio Lower Upper
70 100
42 37.7 47.4 71.2#
101 0.0 7.3 10.9#
130 0.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Tgt Ion: 136 Resp: 227328
Ion Ratio Lower Upper
136 100
137 15.6 8.8 13.2#
54 20.2 5.4 8.2#
68 22.1 4.2 6.2#





#22

Acetophenone

Concen: 9.472 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.08 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

Instrument :

BNA_F

ClientSampleId :

FDSB-12(10-12)

Tgt Ion:105 Resp: 50182

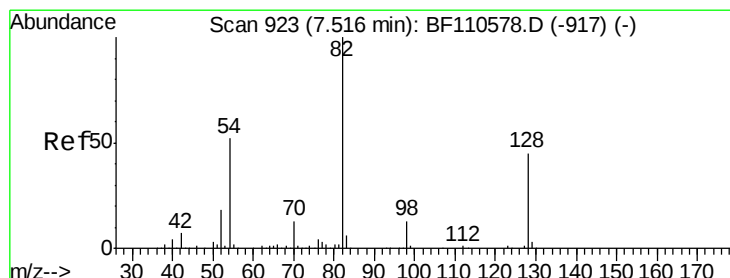
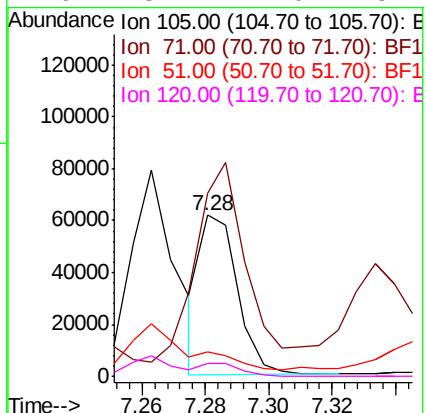
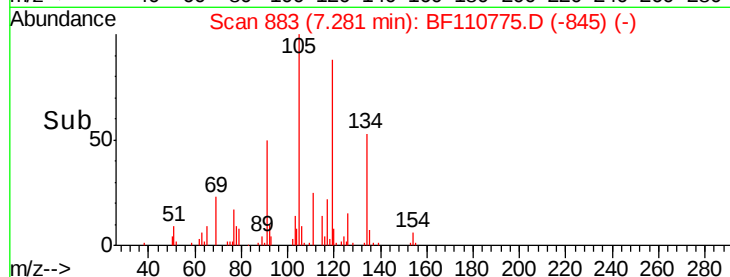
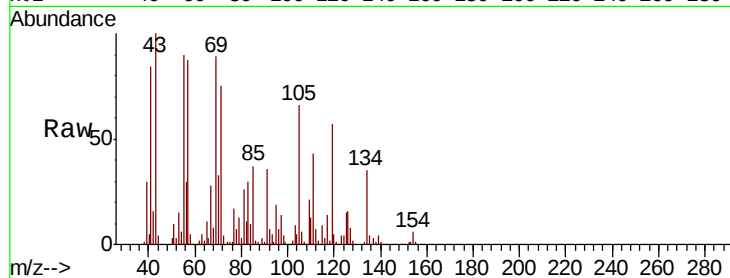
Ion Ratio Lower Upper

105 100

71 114.0 5.2 7.8#

51 14.9 21.8 32.8#

120 8.2 17.0 25.4#



#23

Nitrobenzene-d5

Concen: 21.733 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

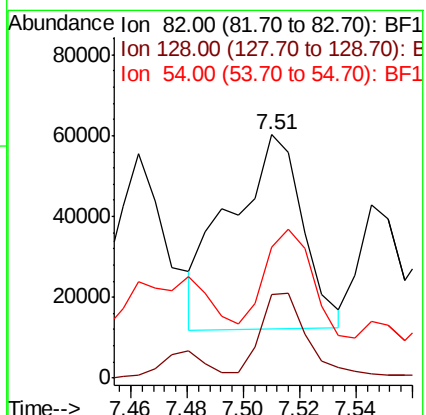
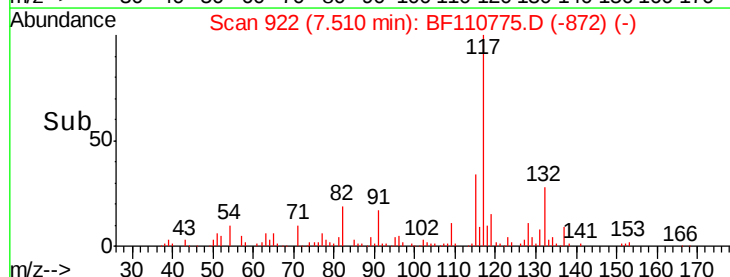
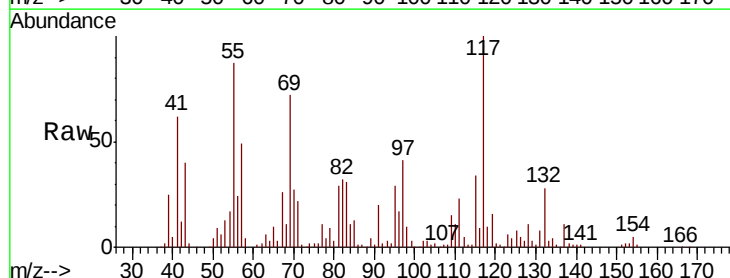
Tgt Ion: 82 Resp: 85789

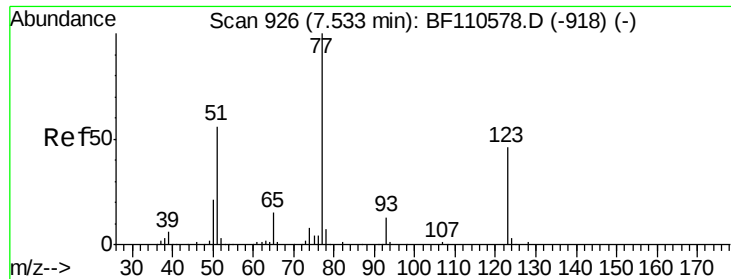
Ion Ratio Lower Upper

82 100

128 34.3 34.2 51.2

54 53.8 38.6 58.0

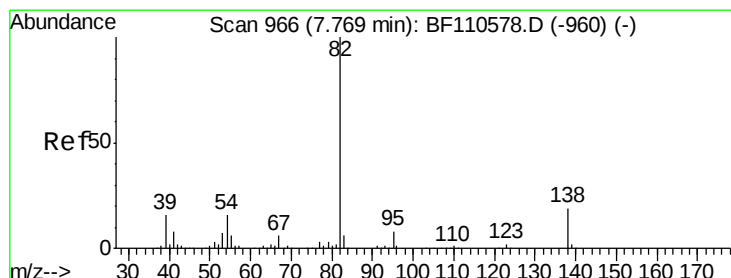
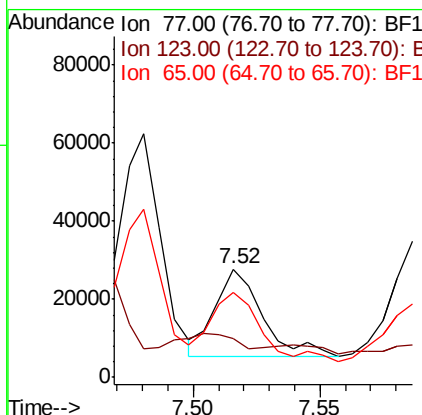
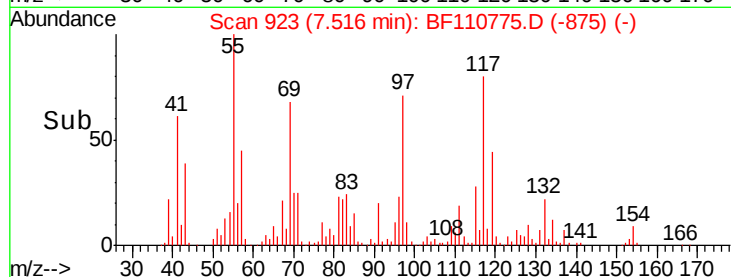
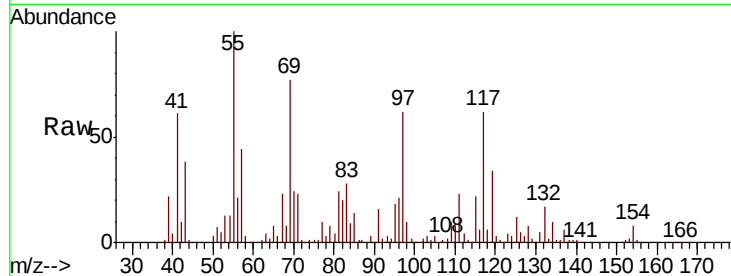




#24
Nitrobenzene
Concen: 7.341 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.02 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

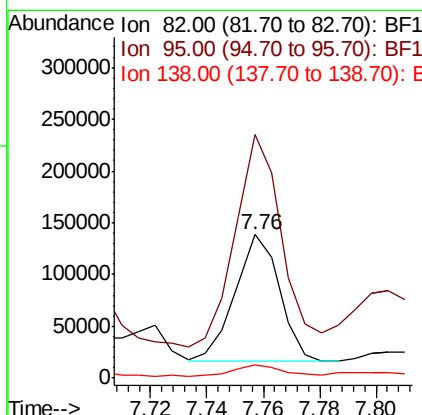
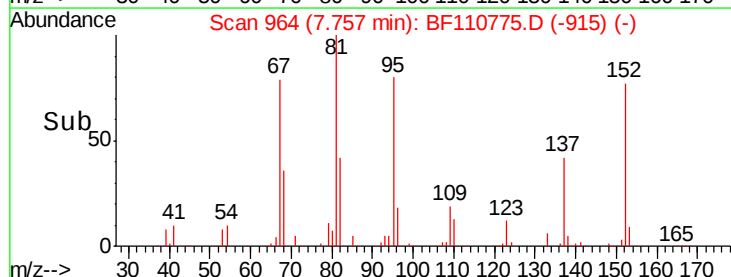
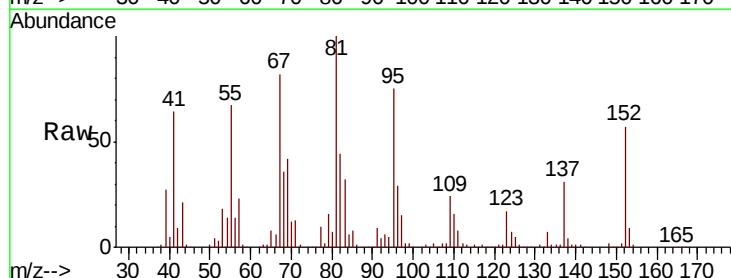
Instrument :
BNA_F
ClientSampleId :
FDSB-12(10-12)

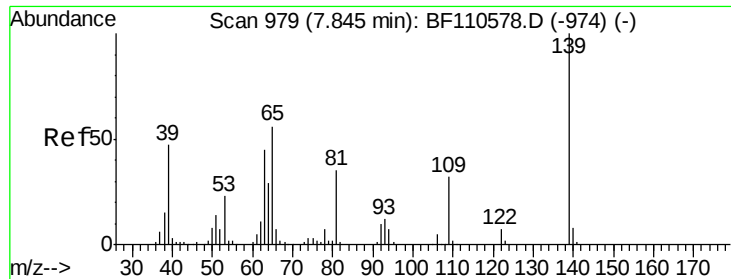
Tgt Ion: 77 Resp: 29689
Ion Ratio Lower Upper
77 100
123 35.6 35.7 53.5#
65 78.9 10.7 16.1#



#25
Isophorone
Concen: 20.749 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Tgt Ion: 82 Resp: 134242
Ion Ratio Lower Upper
82 100
95 169.4 5.7 8.5#
138 8.9 13.2 19.8#

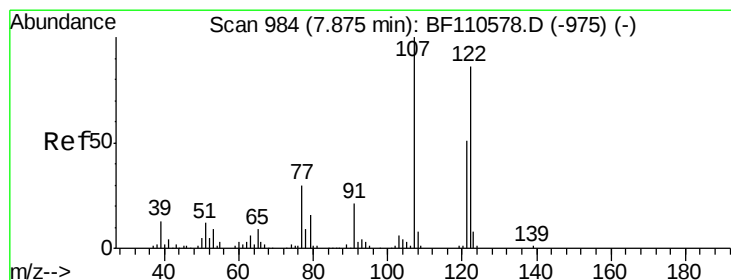
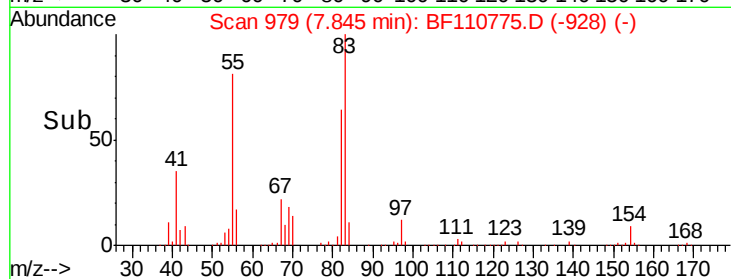
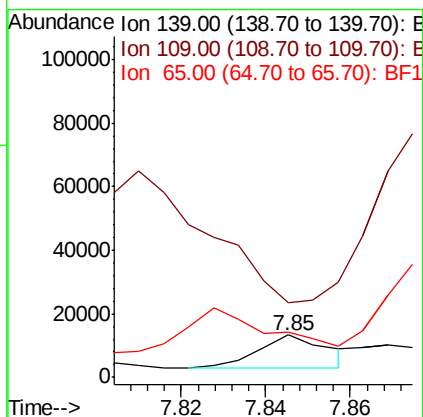
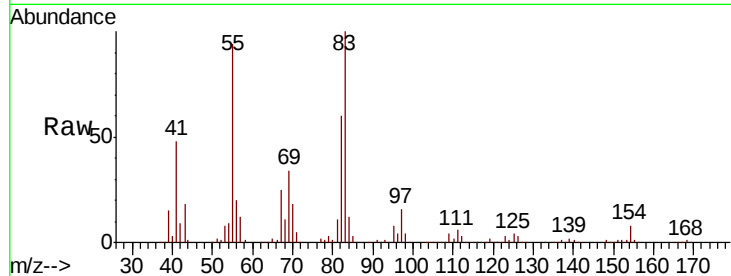




#26
 2-Nitrophenol
 Concen: 5.908 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF110775.D
 Acq: 14 Nov 2018 20:11

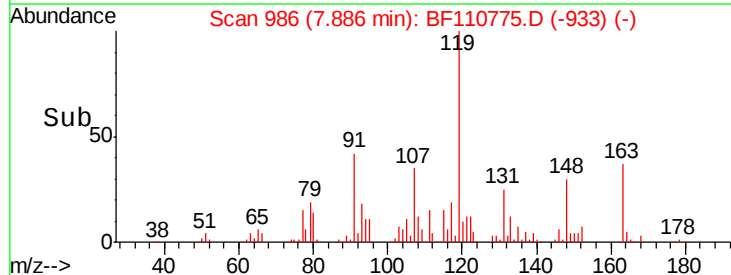
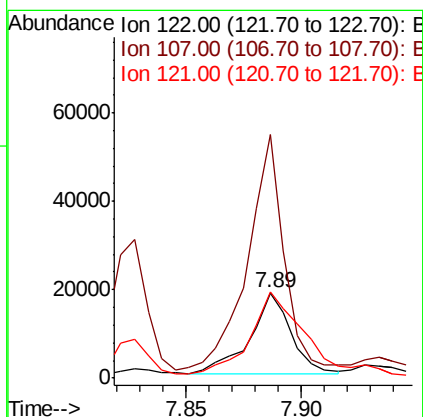
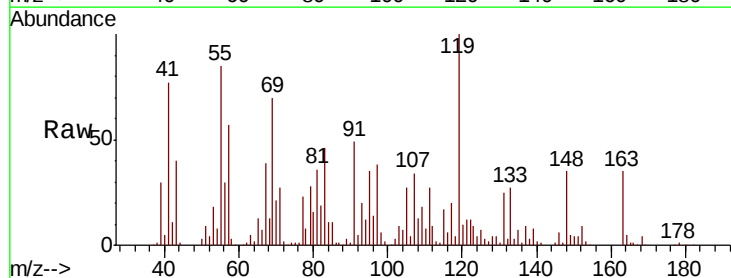
Instrument :
 BNA_F
 ClientSampleId :
 FDSB-12(10-12)

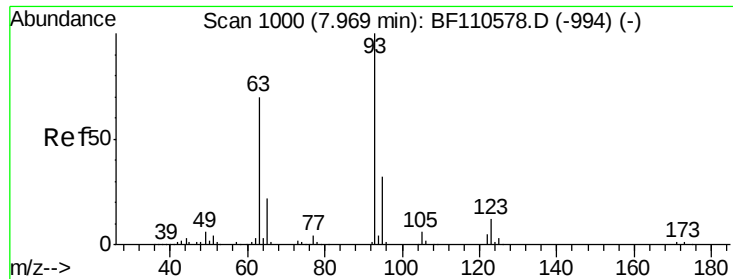
Tgt Ion:139 Resp: 11920
 Ion Ratio Lower Upper
 139 100
 109 175.3 25.0 37.6#
 65 105.7 44.0 66.0#



#27
 2,4-Dimethylphenol
 Concen: 7.612 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF110775.D
 Acq: 14 Nov 2018 20:11

Tgt Ion:122 Resp: 23390
 Ion Ratio Lower Upper
 122 100
 107 284.8 92.5 138.7#
 121 100.2 45.8 68.8#

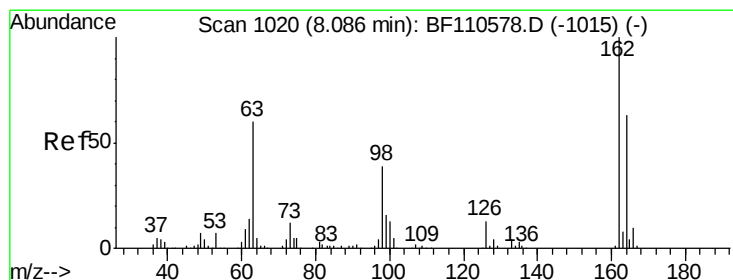
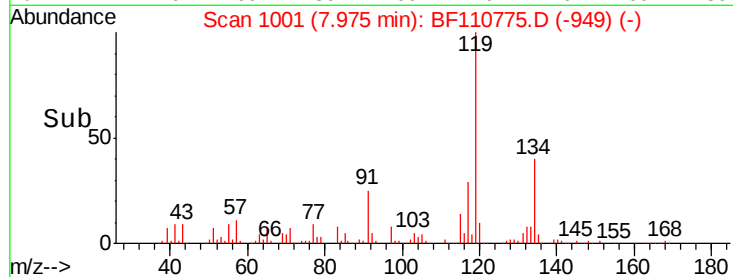
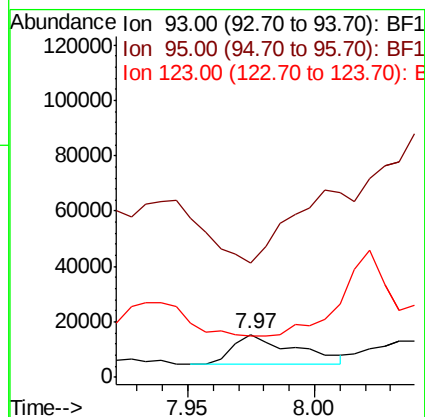
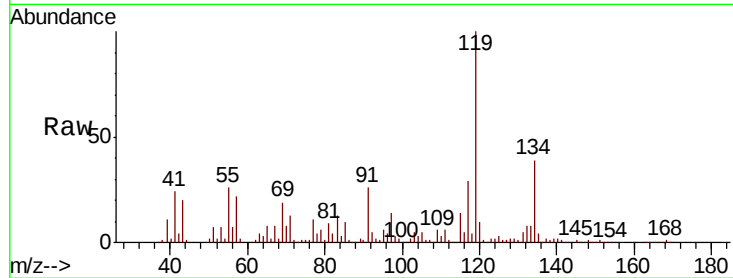




#28
bis(2-Chloroethoxy)methane
Concen: 4.288 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

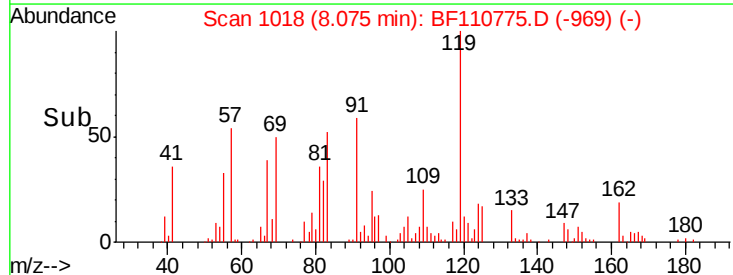
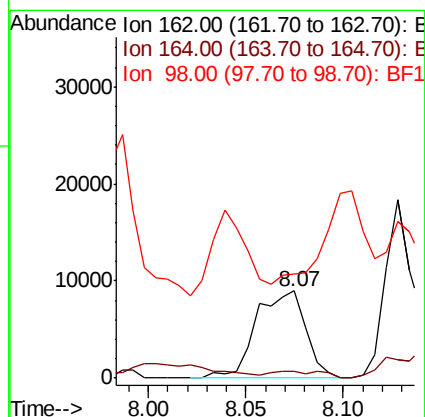
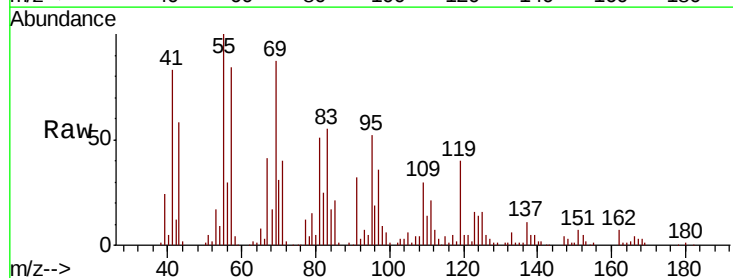
Instrument :
BNA_F
ClientSampleId :
FDSB-12(10-12)

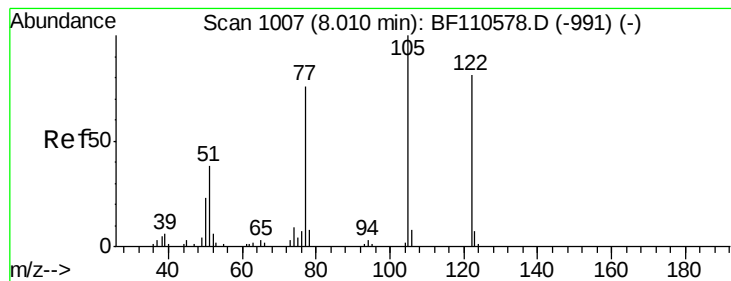
Tgt Ion: 93 Resp: 18783
Ion Ratio Lower Upper
93 100
95 269.5 26.4 39.6#
123 97.7 9.0 13.6#



#29
2,4-Dichlorophenol
Concen: 5.001 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Tgt Ion: 162 Resp: 15811
Ion Ratio Lower Upper
162 100
164 7.5 44.6 84.6#
98 120.4 17.4 57.4#





#32

Benzoic acid

Concen: 9.069 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

Instrument :

BNA_F

ClientSampleId :

FDSB-12(10-12)

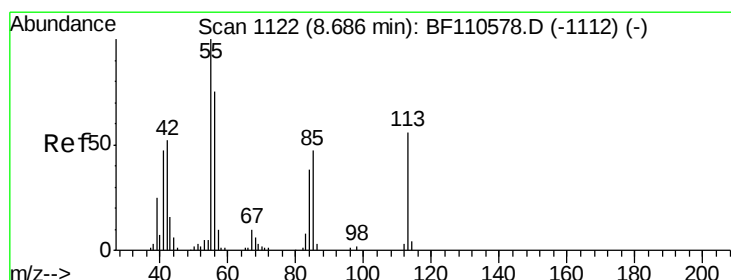
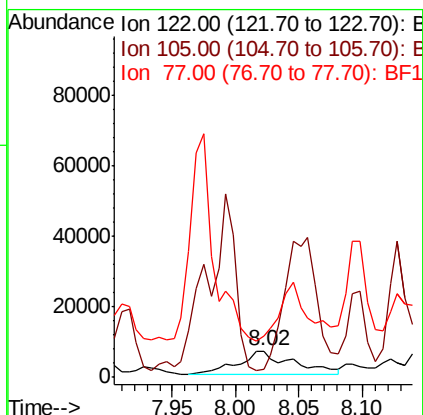
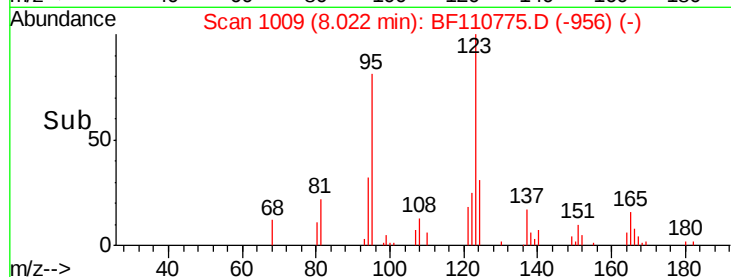
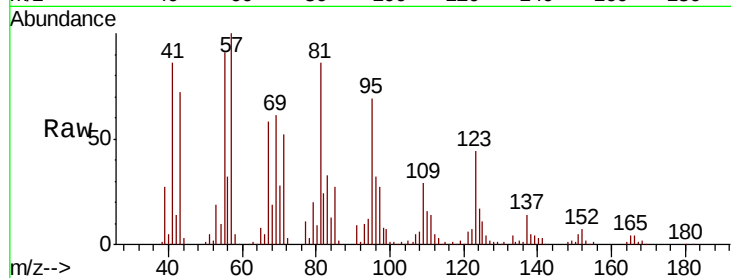
Tgt Ion:122 Resp: 19716

Ion Ratio Lower Upper

122 100

105 32.6 109.0 149.0#

77 159.2 79.0 119.0#



#35

Caprolactam

Concen: 16.411 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

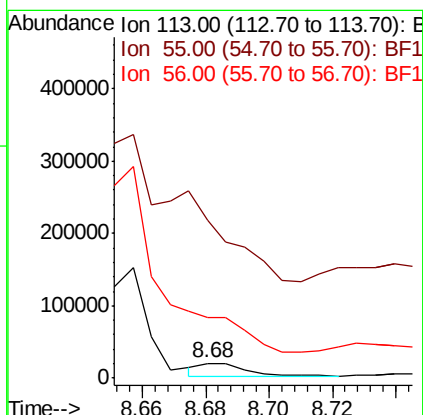
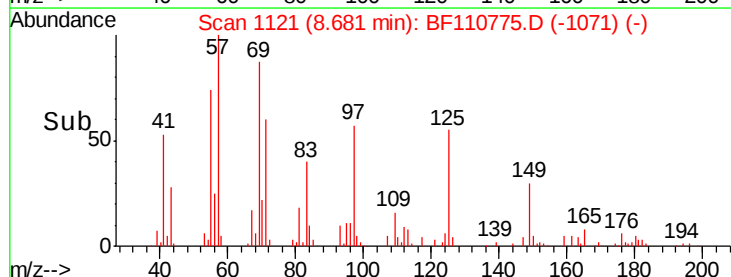
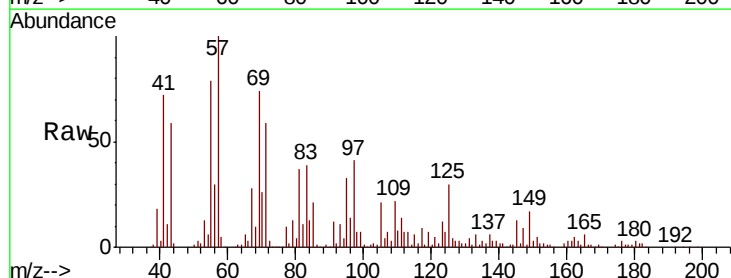
Tgt Ion:113 Resp: 17335

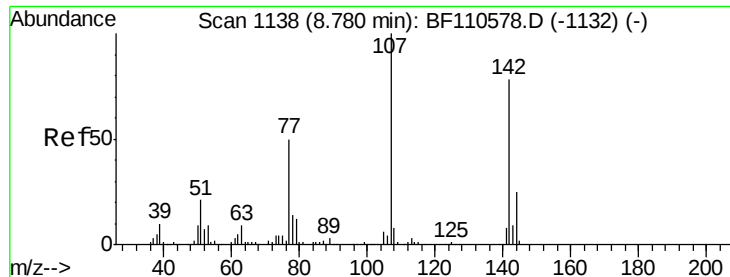
Ion Ratio Lower Upper

113 100

55 1067.7 142.8 182.8#

56 410.4 105.0 145.0#

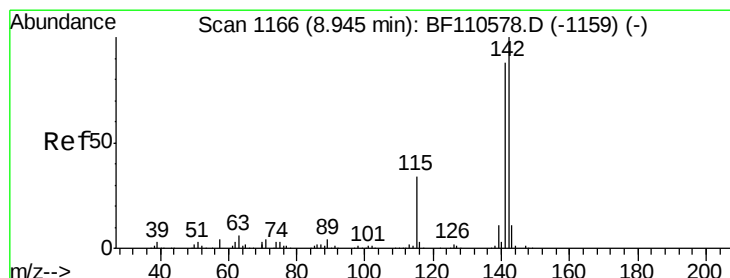
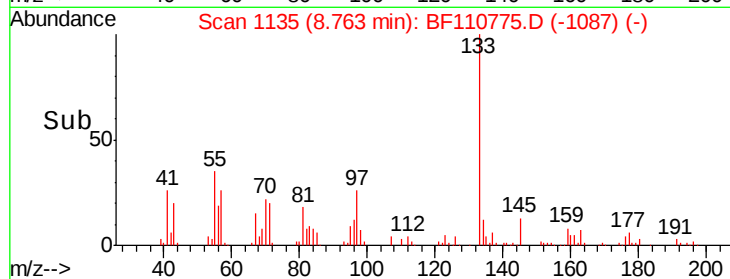
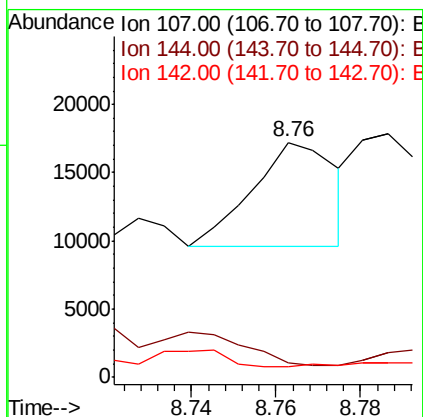
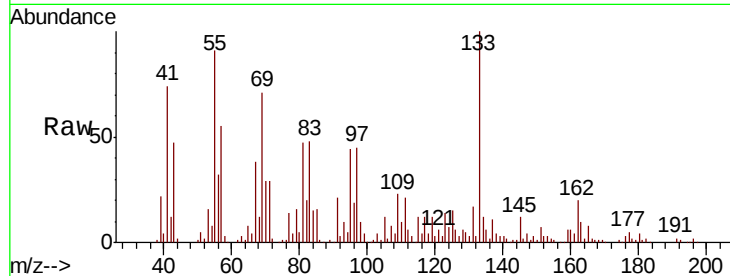




#36
 4-Chloro-3-methylphenol
 Concen: 3.092 ng
 RT: 8.76 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF110775.D
 Acq: 14 Nov 2018 20:11

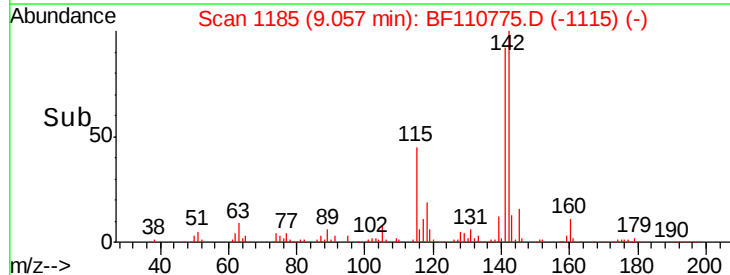
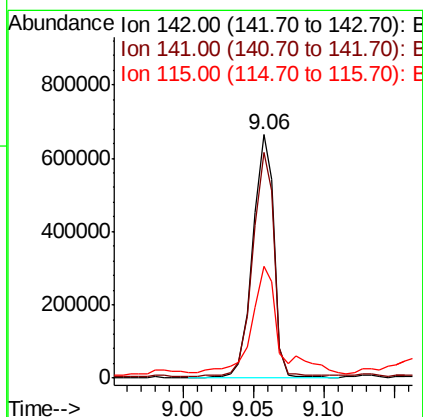
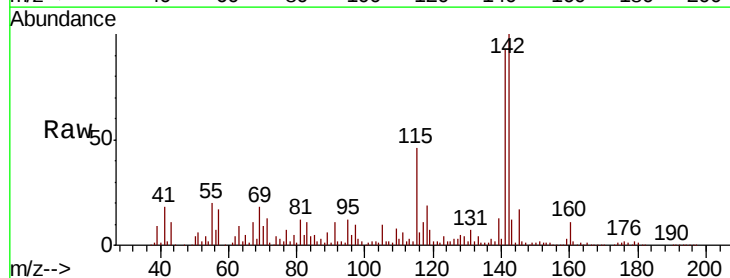
Instrument :
 BNA_F
 ClientSampleId :
 FDSB-12(10-12)

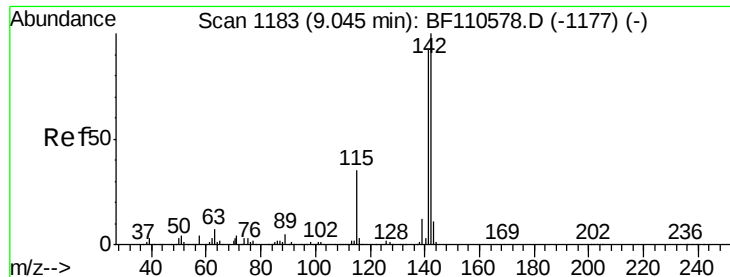
Tgt Ion:107 Resp: 10544
 Ion Ratio Lower Upper
 107 100
 144 6.2 20.0 30.0#
 142 4.5 59.7 89.5#



#37
 2-Methylnaphthalene
 Concen: 100.809 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.11 min
 Lab File: BF110775.D
 Acq: 14 Nov 2018 20:11

Tgt Ion:142 Resp: 705247
 Ion Ratio Lower Upper
 142 100
 141 92.8 71.4 107.2
 115 45.8 28.7 43.1#

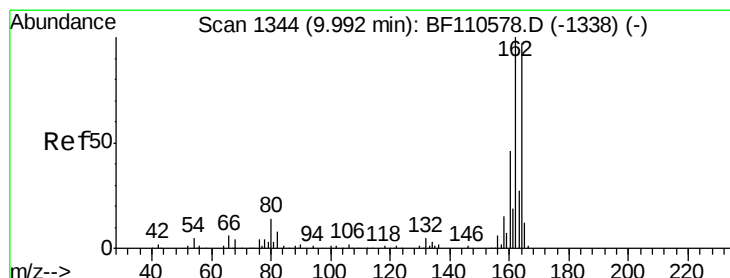
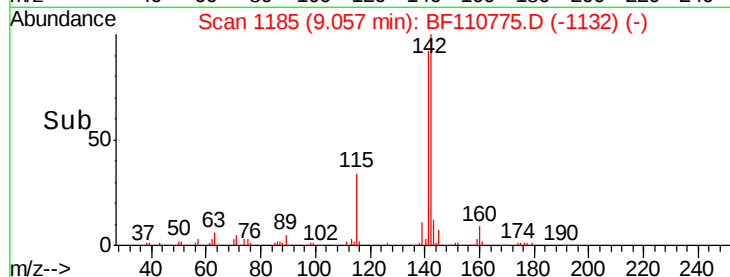
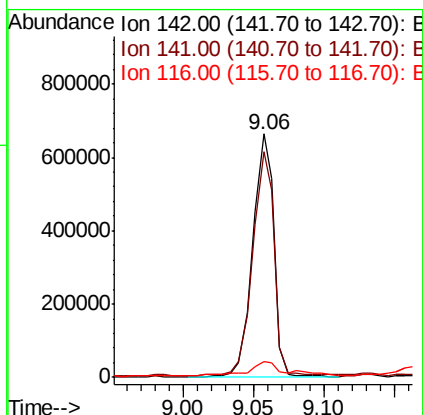
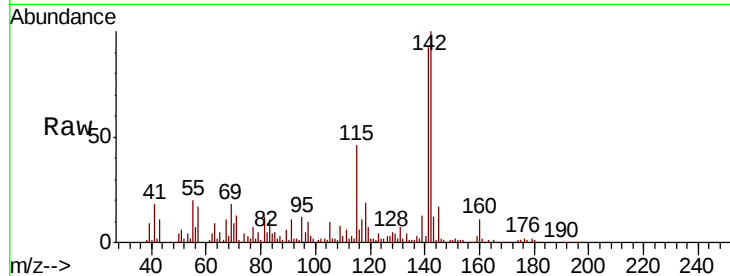




#38
1-Methylnaphthalene
Concen: 104.822 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

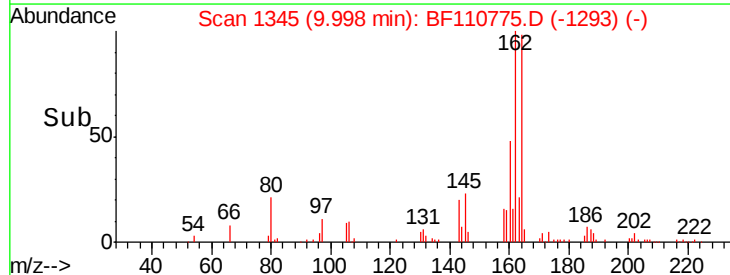
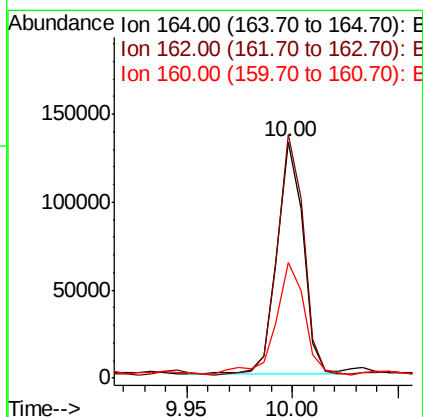
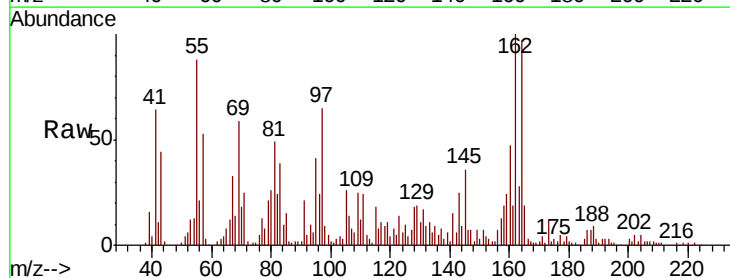
Instrument :
BNA_F
ClientSampleId :
FDSB-12(10-12)

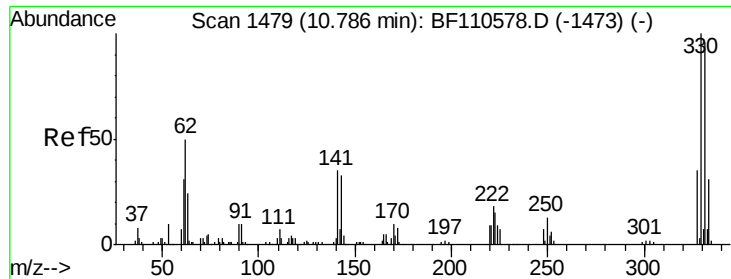
Tgt Ion:142 Resp: 705247
Ion Ratio Lower Upper
142 100
141 92.8 74.2 111.4
116 6.4 2.6 4.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Tgt Ion:164 Resp: 113838
Ion Ratio Lower Upper
164 100
162 103.1 83.0 124.6
160 48.8 37.0 55.6

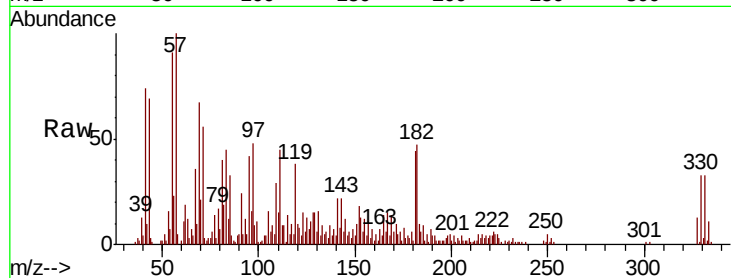




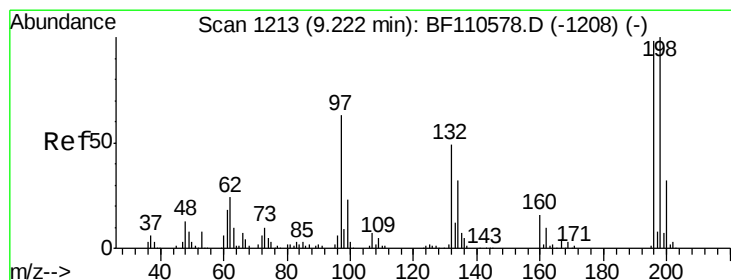
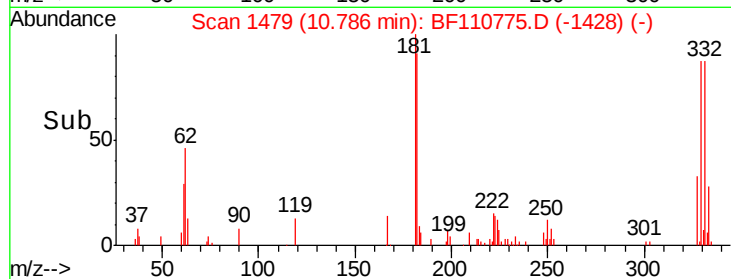
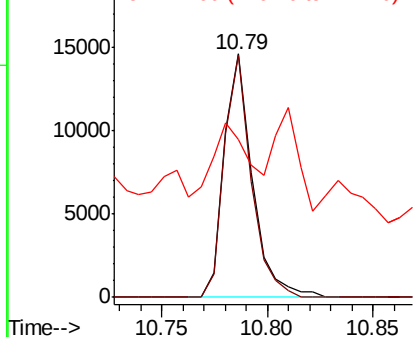
#42
 2,4,6-Tribromophenol
 Concen: 11.837 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF110775.D
 Acq: 14 Nov 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-12(10-12)

Tgt Ion:330 Resp: 13578
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.1 115.7
 141 37.2 27.0 40.4

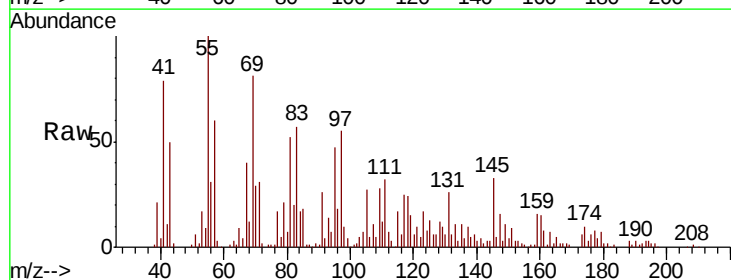


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

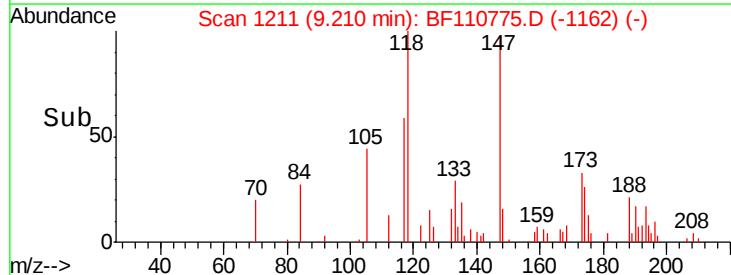
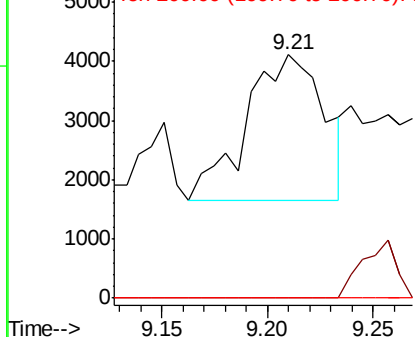


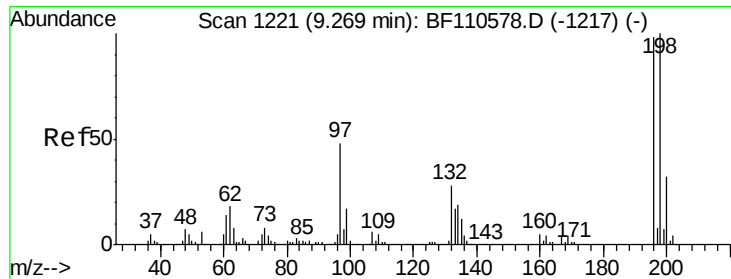
#43
 2,4,6-Trichlorophenol
 Concen: 2.811 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF110775.D
 Acq: 14 Nov 2018 20:11

Tgt Ion:196 Resp: 6366
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.2 114.4#
 200 0.0 24.4 36.6#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

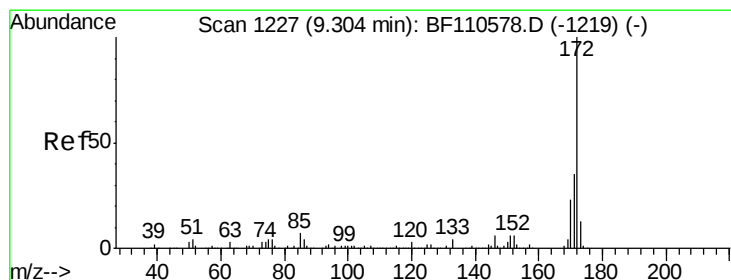
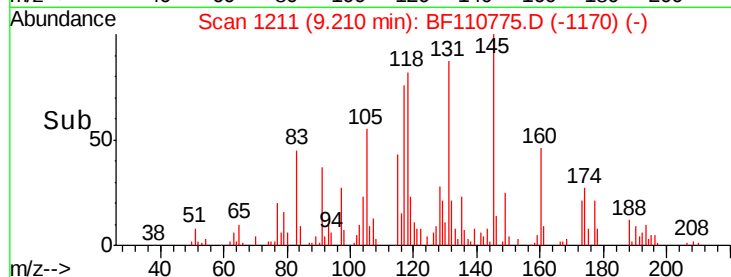
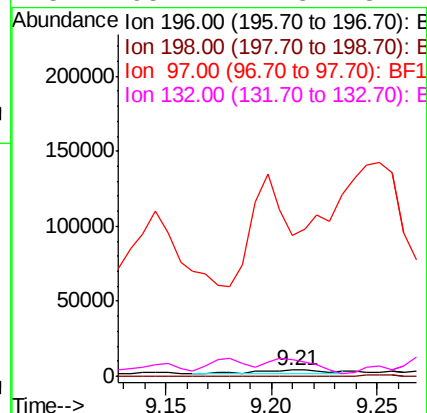
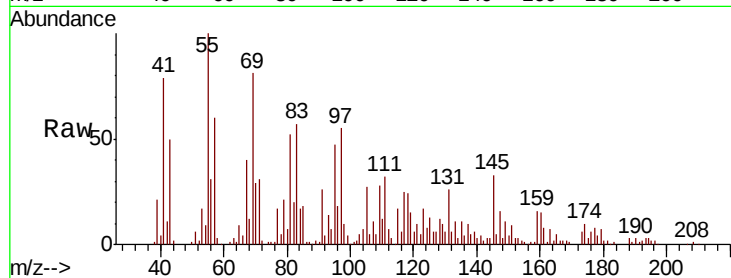




#44
 2,4,5-Trichlorophenol
 Concen: 2.636 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.06 min
 Lab File: BF110775.D
 Acq: 14 Nov 2018 20:11

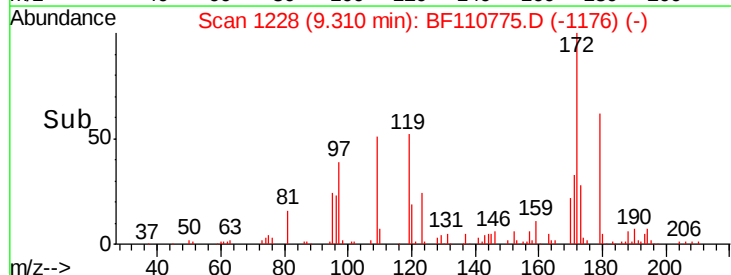
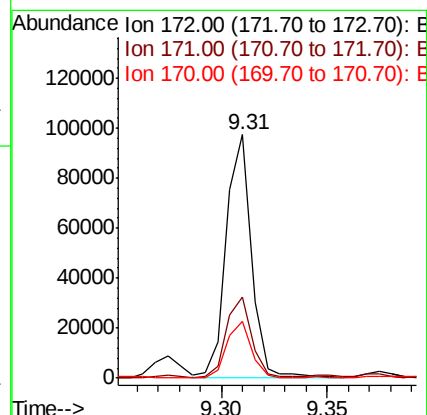
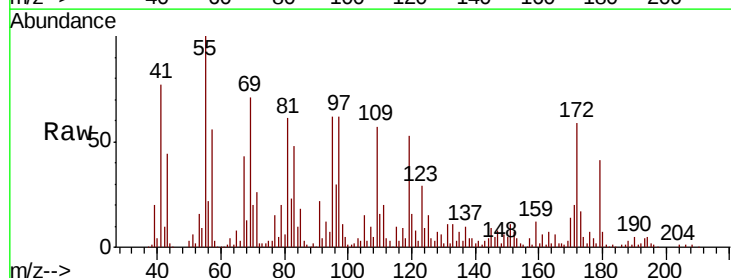
Instrument :
 BNA_F
 ClientSampleId :
 FDSB-12(10-12)

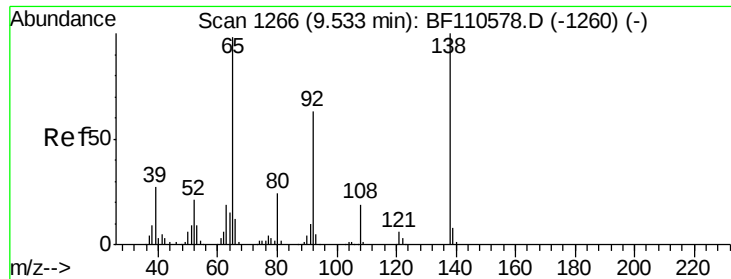
Tgt Ion:196 Resp: 6366
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.8 113.6#
 97 2286.2 42.4 63.6#
 132 263.2 22.8 34.2#



#45
 2-Fluorobiphenyl
 Concen: 10.019 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: BF110775.D
 Acq: 14 Nov 2018 20:11

Tgt Ion:172 Resp: 79862
 Ion Ratio Lower Upper
 172 100
 171 33.3 28.6 43.0
 170 23.2 19.7 29.5

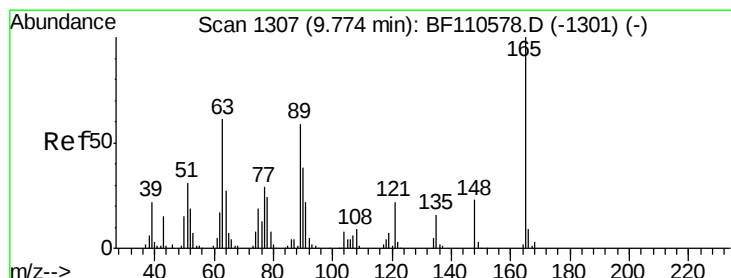
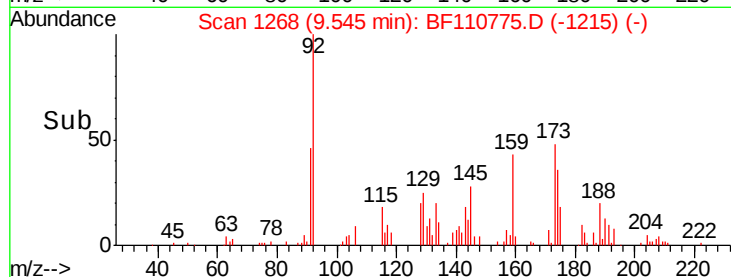
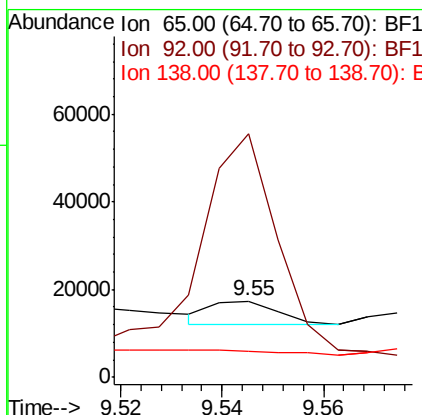
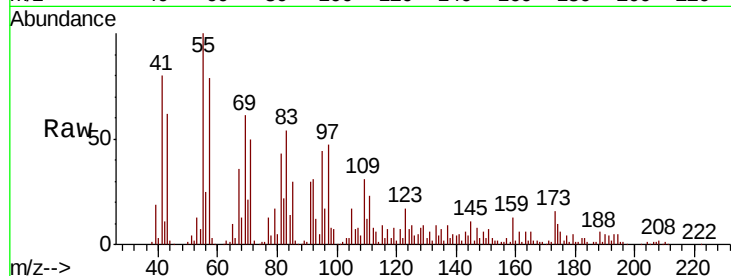




#48
 2-Nitroaniline
 Concen: 2.094 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: BF110775.D
 Acq: 14 Nov 2018 20:11

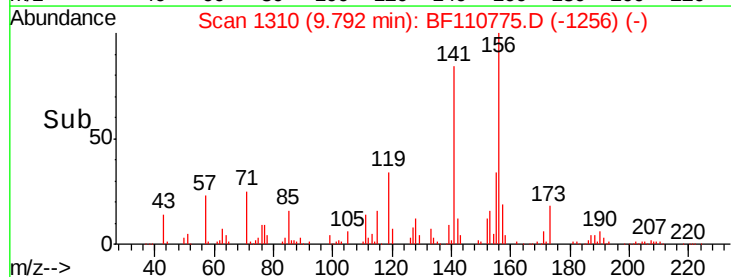
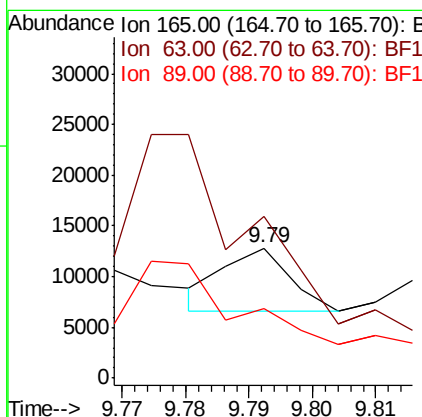
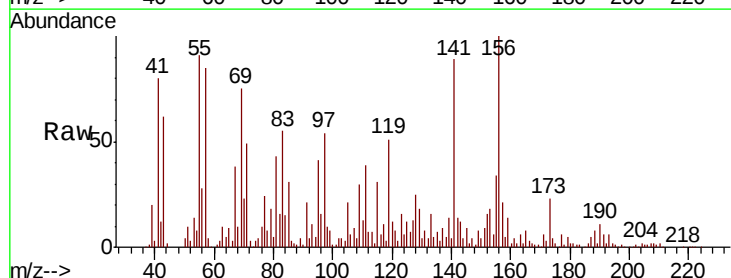
Instrument :
 BNA_F
 ClientSampleId :
 FDSB-12(10-12)

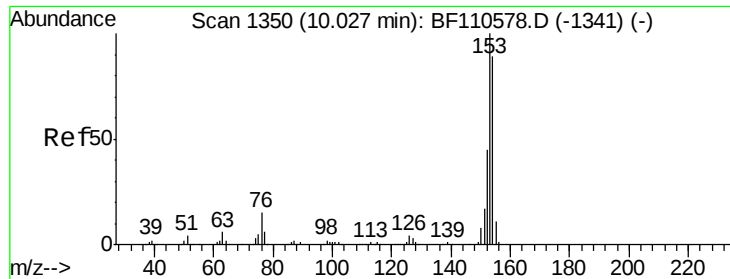
Tgt Ion: 65 Resp: 4937
 Ion Ratio Lower Upper
 65 100
 92 319.1 54.6 81.8#
 138 34.9 80.3 120.5#



#51
 2,6-Dinitrotoluene
 Concen: 2.419 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.02 min
 Lab File: BF110775.D
 Acq: 14 Nov 2018 20:11

Tgt Ion: 165 Resp: 4521
 Ion Ratio Lower Upper
 165 100
 63 124.2 48.9 73.3#
 89 53.7 46.6 69.8





#52

Acenaphthene

Concen: 2.369 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

Instrument :

BNA_F

ClientSampleId :

FDSB-12(10-12)

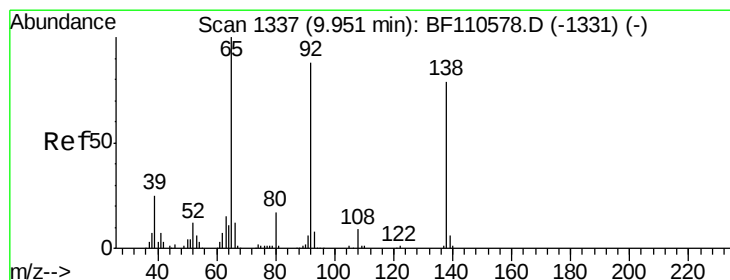
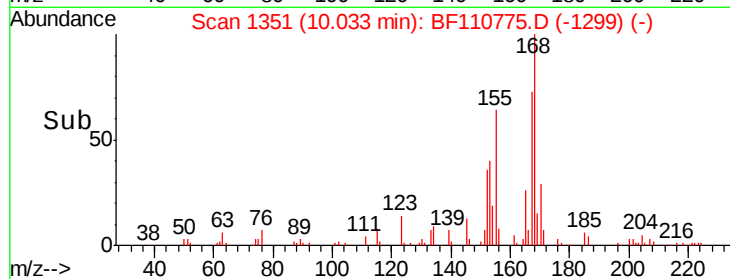
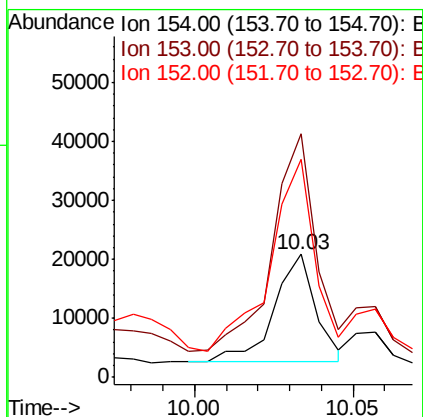
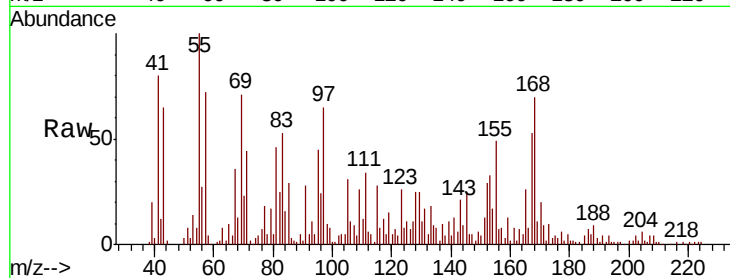
Tgt Ion:154 Resp: 16497

Ion Ratio Lower Upper

154 100

153 197.9 90.1 135.1#

152 176.9 43.4 65.2#



#53

3-Nitroaniline

Concen: 2.647 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

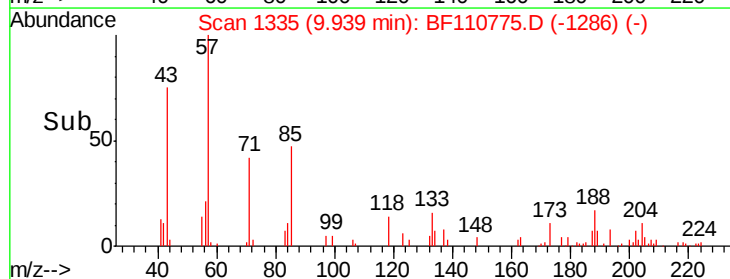
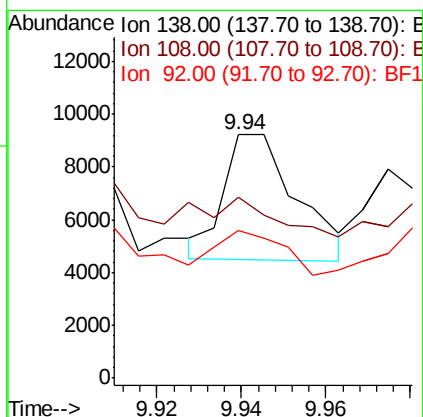
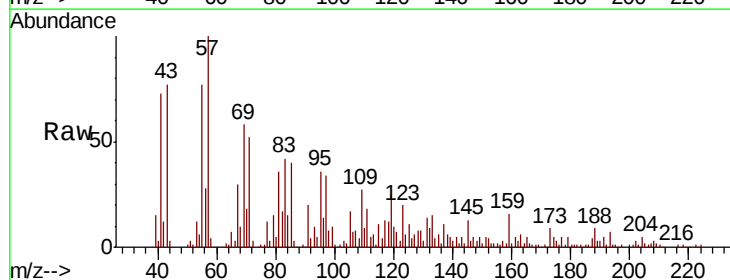
Tgt Ion:138 Resp: 5730

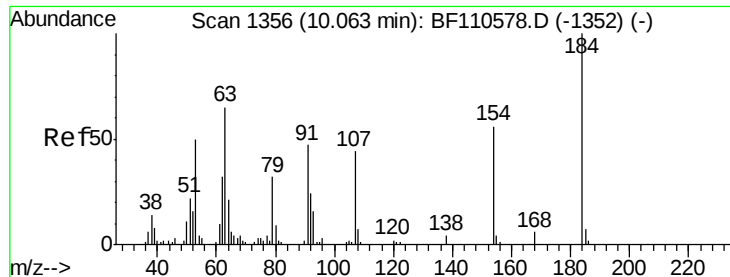
Ion Ratio Lower Upper

138 100

108 74.1 8.7 13.1#

92 60.5 97.0 145.4#

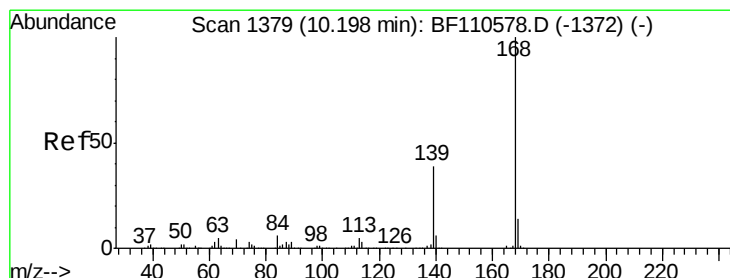
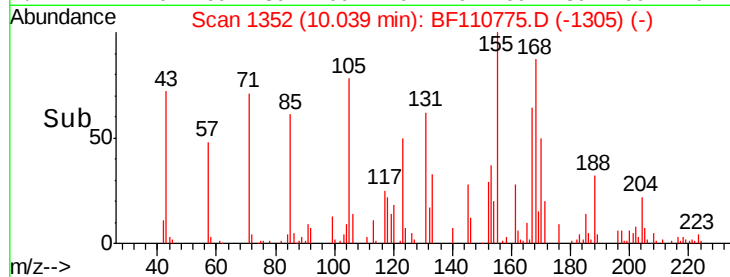
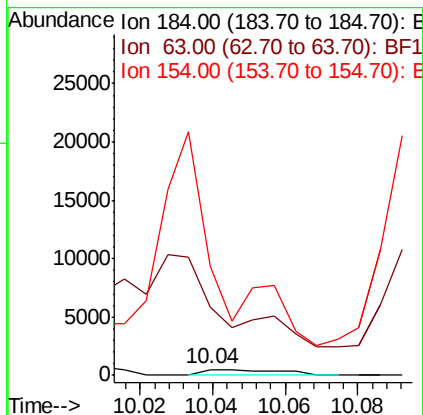
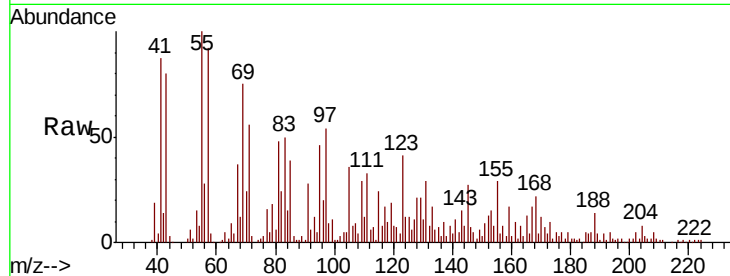




#54
 2,4-Dinitrophenol
 Concen: 5.615 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.02 min
 Lab File: BF110775.D
 Acq: 14 Nov 2018 20:11

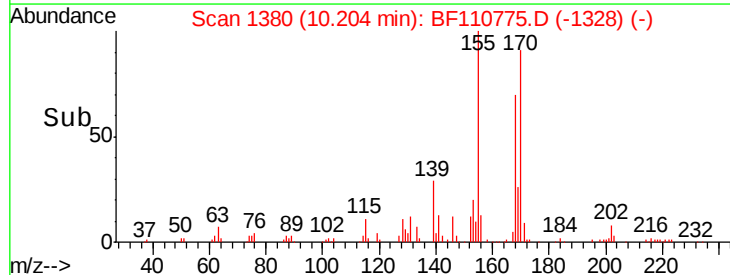
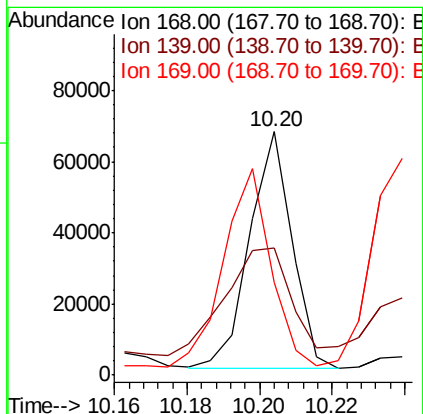
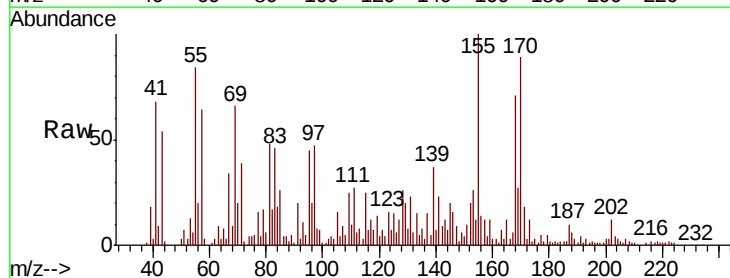
Instrument :
 BNA_F
 ClientSampleId :
 FDSB-12(10-12)

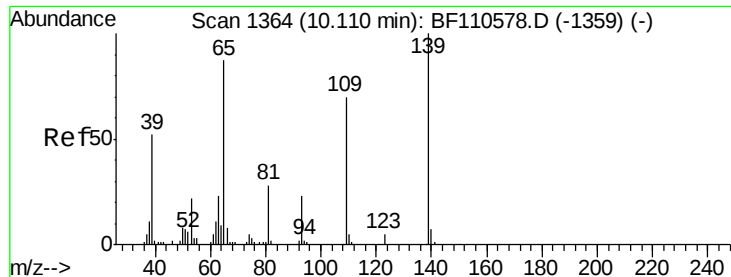
Tgt Ion:184 Resp: 722
 Ion Ratio Lower Upper
 184 100
 63 1145.0 55.8 83.6#
 154 1818.8 63.2 94.8#



#55
 Dibenzofuran
 Concen: 5.260 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.01 min
 Lab File: BF110775.D
 Acq: 14 Nov 2018 20:11

Tgt Ion:168 Resp: 53585
 Ion Ratio Lower Upper
 168 100
 139 52.4 33.0 49.6#
 169 38.0 11.3 16.9#

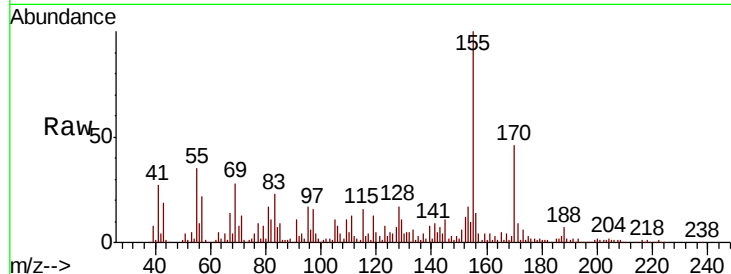




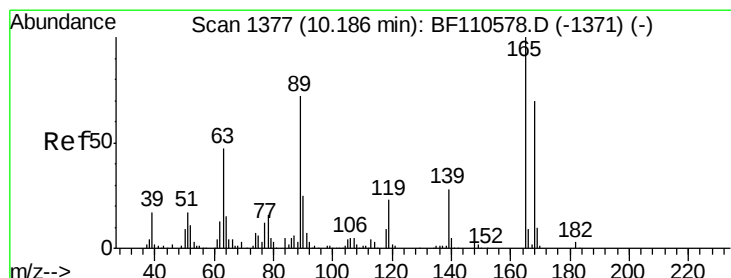
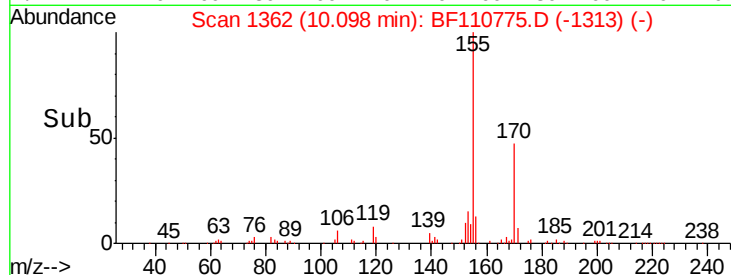
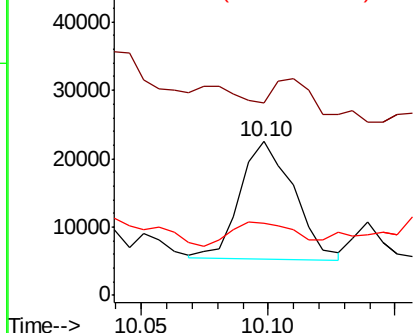
#56
4-Nitrophenol
Concen: 17.585 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FDSB-12(10-12)

Tgt Ion:139 Resp: 25256
Ion Ratio Lower Upper
139 100
109 125.6 55.8 95.8#
65 47.0 77.9 117.9#

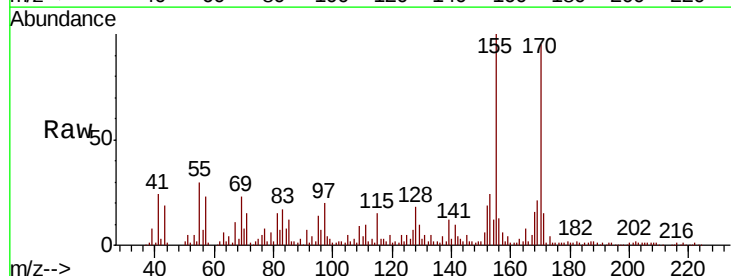


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

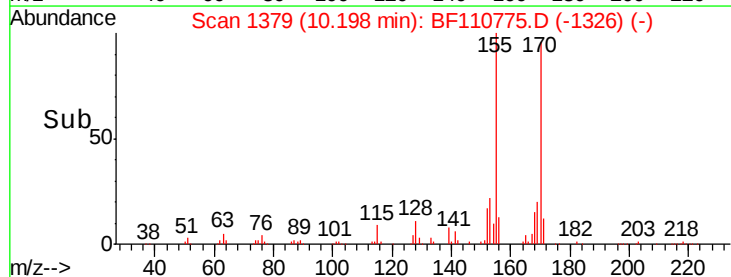
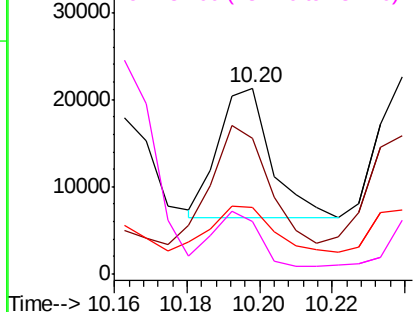


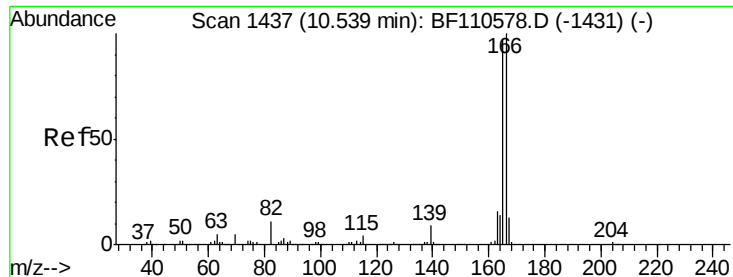
#57
2,4-Dinitrotoluene
Concen: 6.252 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Tgt Ion:165 Resp: 15190
Ion Ratio Lower Upper
165 100
63 73.4 44.8 67.2#
89 35.9 62.2 93.4#
182 28.2 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 7.817 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

Instrument :

BNA_F

ClientSampleId :

FDSB-12(10-12)

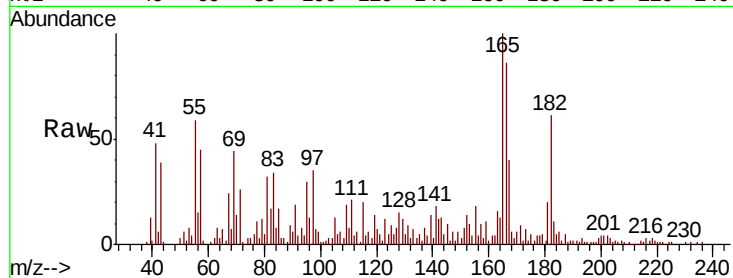
Tgt Ion:166 Resp: 61170

Ion Ratio Lower Upper

166 100

165 116.8 78.6 117.8

167 46.2 10.8 16.2#

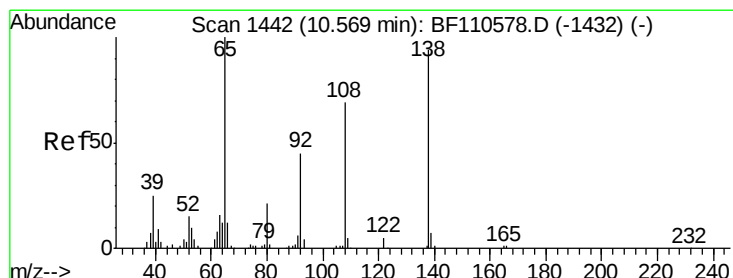
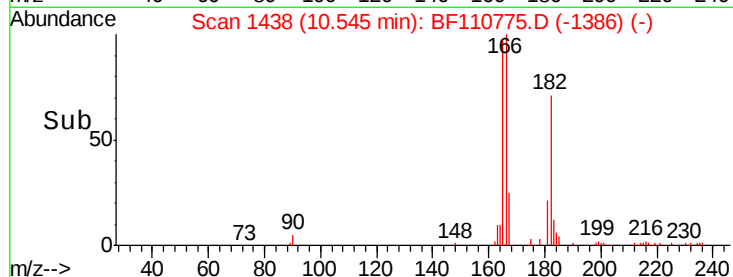
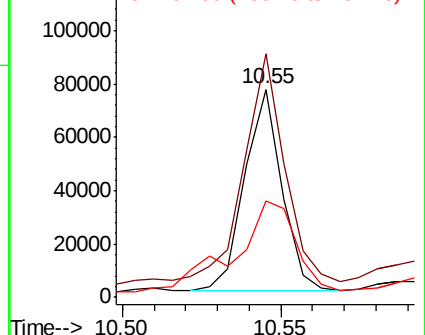


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#62

4-Nitroaniline

Concen: 2.586 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.12 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

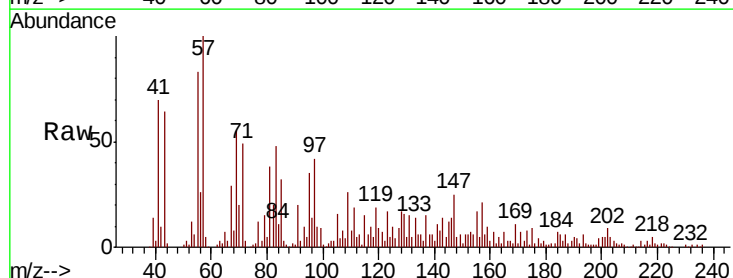
Tgt Ion:138 Resp: 5638

Ion Ratio Lower Upper

138 100

92 49.4 31.7 71.7

108 62.9 59.3 99.3

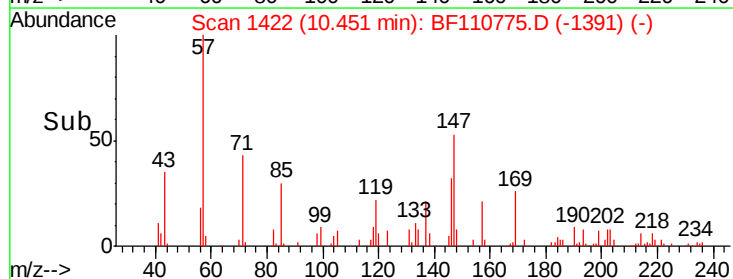
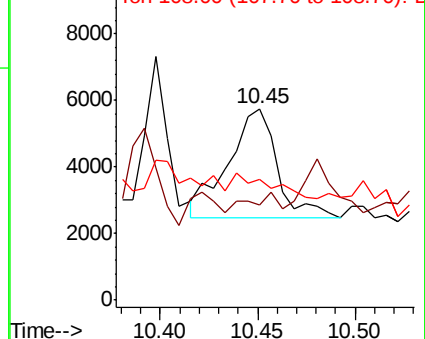


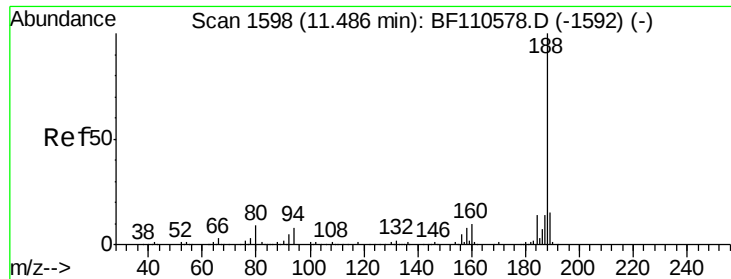
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

Instrument :

BNA_F

ClientSampleId :

FDSB-12(10-12)

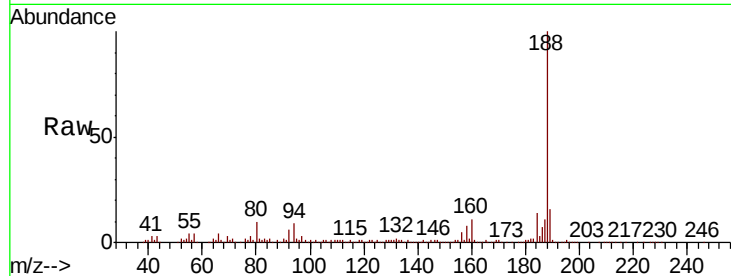
Tgt Ion:188 Resp: 217780

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

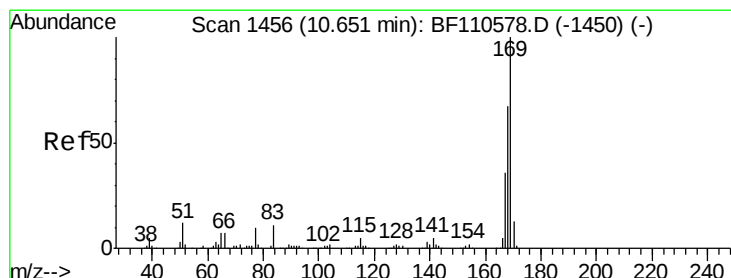
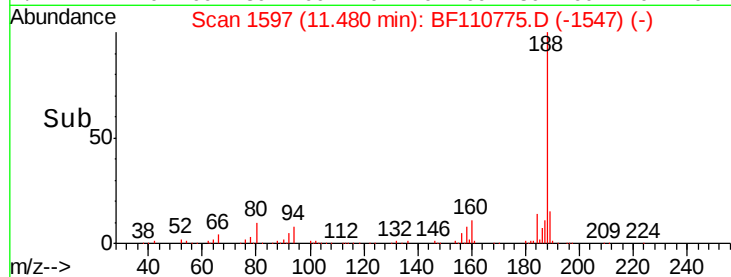
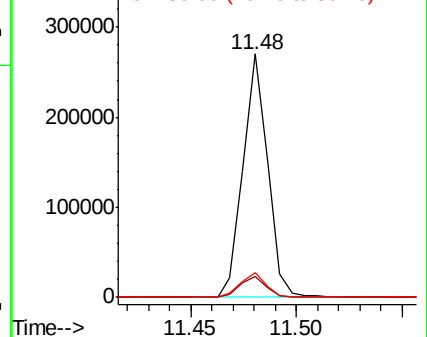
80 9.9 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#66

n-Nitrosodiphenylamine

Concen: 7.477 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

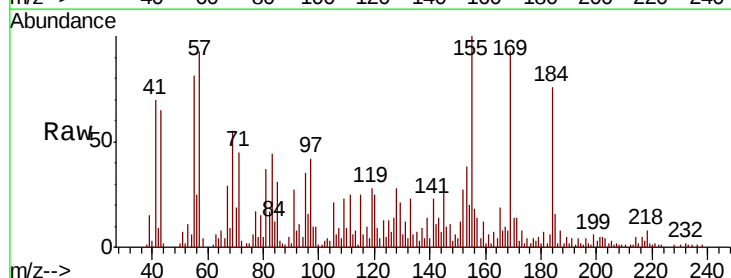
Tgt Ion:169 Resp: 54885

Ion Ratio Lower Upper

169 100

168 8.1 51.2 76.8#

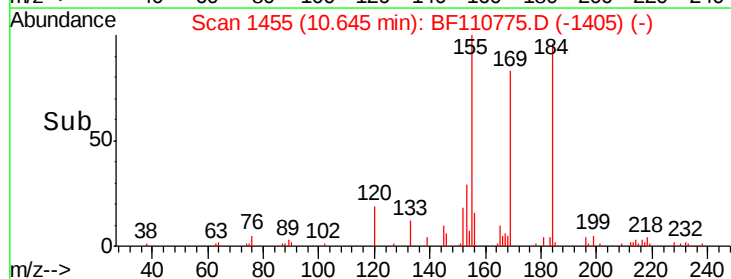
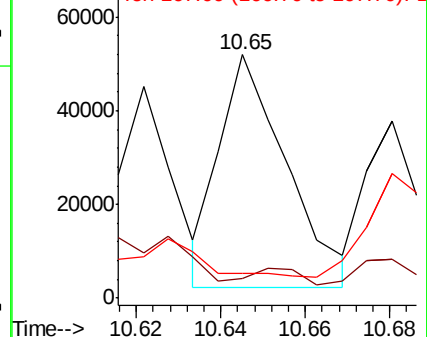
167 10.2 27.8 41.6#

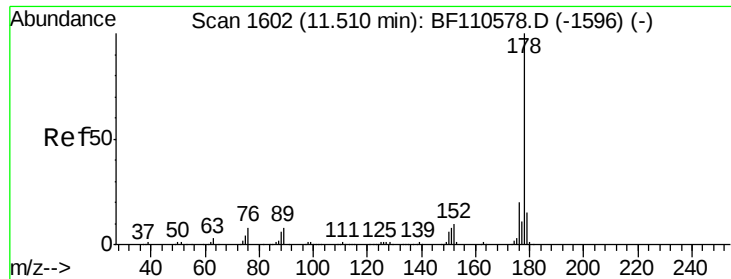


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

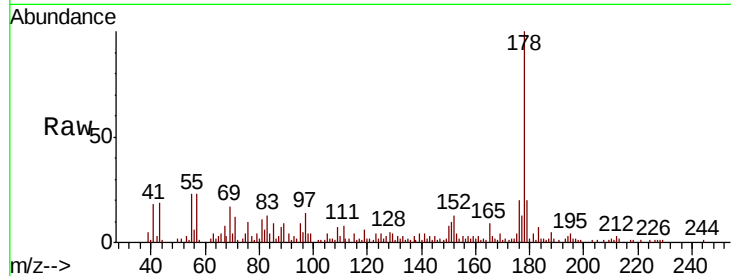




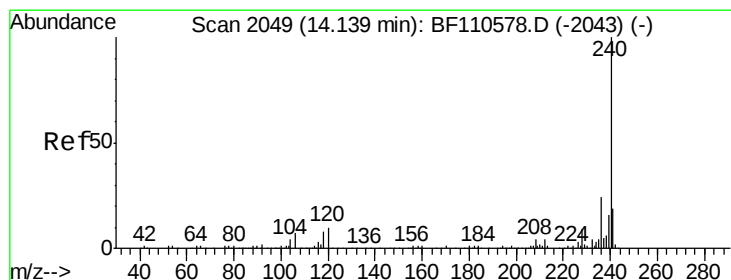
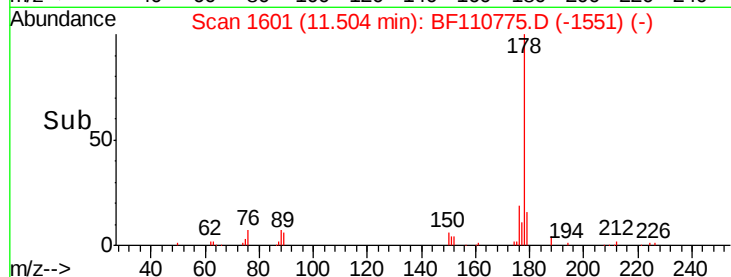
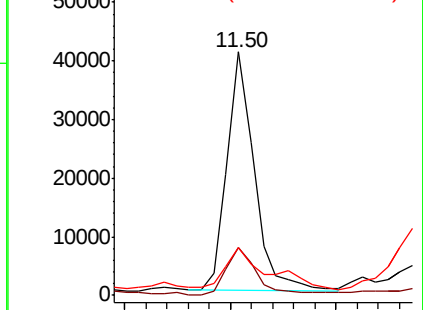
#71
Phenanthrene
Concen: 3.100 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FDSB-12(10-12)

Tgt Ion:178 Resp: 36168
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 19.5 12.5 18.7#

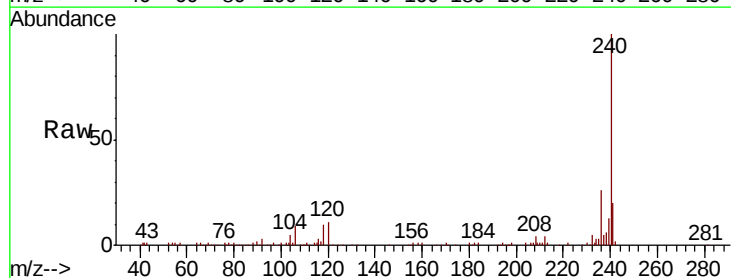


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

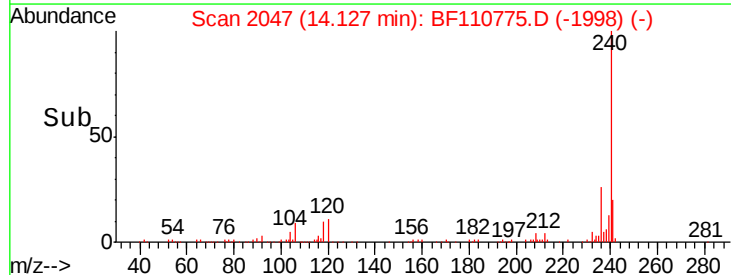
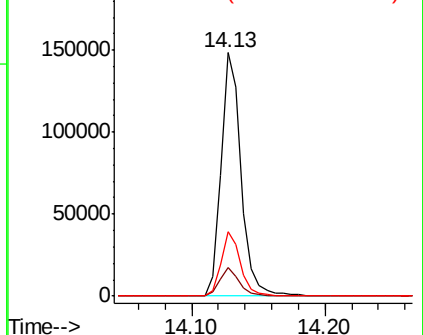


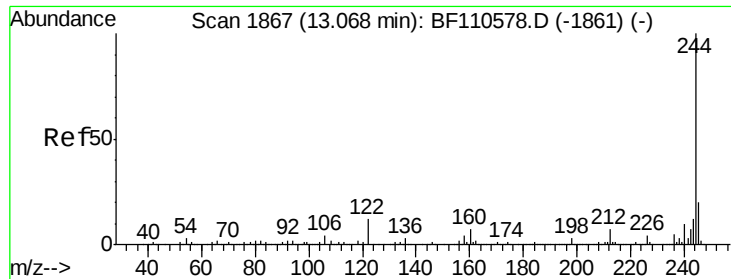
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Tgt Ion:240 Resp: 157919
Ion Ratio Lower Upper
240 100
120 11.5 8.3 12.5
236 26.4 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

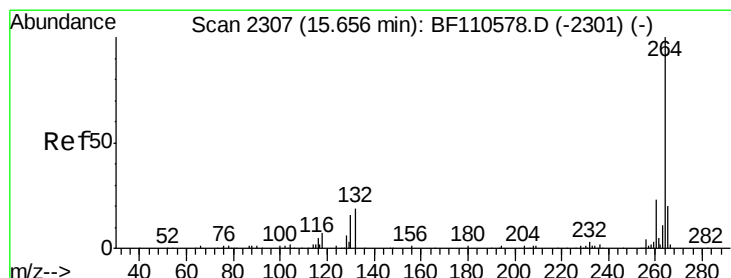
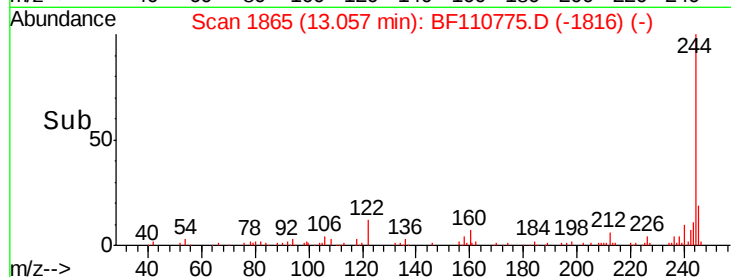
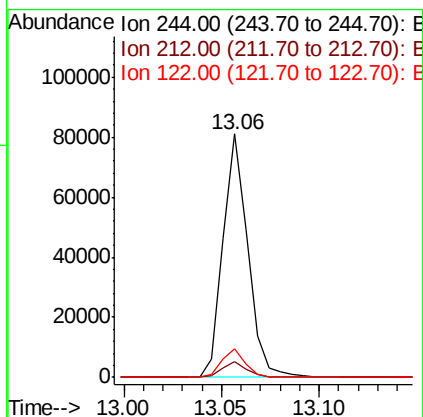
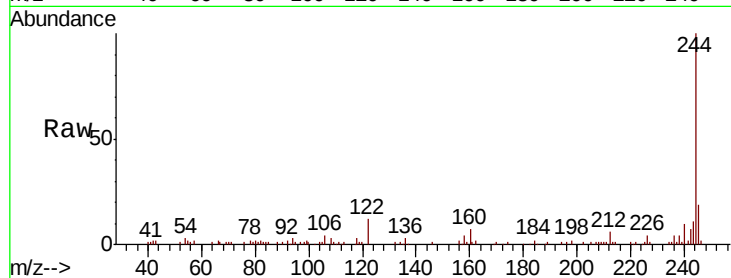




#79
 Terphenyl-d14
 Concen: 8.478 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110775.D
 Acq: 14 Nov 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-12(10-12)

Tgt Ion:244 Resp: 71492
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.8
 122 11.9 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110775.D
 Acq: 14 Nov 2018 20:11

Tgt Ion:264 Resp: 147584
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 22.0 16.7 25.1

